

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R123	PR603 12/100	1	Resistor	100	±1%	0603			
R124	PR603 12/330	1	Resistor	330	±1%	0603			
R125	PR603 12/033	1	Resistor	33	±1%	0603			
R126	PR603 12/010	1	Resistor	10	±1%	0603			
R127	PR603 12/010	1	Resistor	10	±1%	0603			
R128	PR603 12/033	1	Resistor	33	±1%	0603			
R129	PR603 12/330	1	Resistor	330	±1%	0603			
R130	PR603 12/018	1	Resistor	18	±1%	0603			
R131	PR603 12/330	1	Resistor	330	±1%	0603			
R132	NU	1	Not Used					Not mounted	
R136	PR603 12/10K	1	Resistor	10k	±1%	0603			FS
R137	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R138	PR603 12/6K8	1	Resistor	6.8k	±1%	0603			
R139	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R140	PR603 12/100	1	Resistor	100	±1%	0603			
R141	PR603 12/100	1	Resistor	100	±1%	0603			
R142	PR603 12/330	1	Resistor	330	±1%	0603			
R143	PR603 12/010	1	Resistor	10	±1%	0603			
R144	PR603 12/033	1	Resistor	33	±1%	0603			
R145	PR603 12/010	1	Resistor	10	±1%	0603			
R146	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R147	PR603 12/033	1	Resistor	33	±1%	0603			
R148	PR603 12/560	1	Resistor	560	±1%	0603			
R149	PR603 12/33K	1	Resistor	33k	±1%	0603			
R150	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C102	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C103	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C104	PC101 315/1P8	1	Capacitor cer	1.8p	NPO ±0.25p	0603	50V		
C105	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C106	NU	1	Not Used					Not mounted	
C107	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C108	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C109	PC101 315/1P2	1	Capacitor cer	1.2p	NPO ±0.25p	0603	50V		
C110	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C111	NU	1	Not Used					Not mounted	
C112	NU	1	Not Used					Not mounted	
C113	PC101 315/1P0	1	Capacitor cer	1.0p	NPO ±0.25p	0603	50V		
C114	NU	1	Not Used					Not mounted	
C115	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C116	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C117	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C118	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C119	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C120	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C121	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C122	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C123	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C124	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C125	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C126	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		

Product number: K223/1-301

PCB Assembly

PA 19 Board

Revision: B

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C101	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C102	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C103	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C104	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C105	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C106	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C107	PC101 315/1P8	1	Capacitor cer	1.8p	NPO ±0.25p	0603	50V		
C108	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C109	PC101 315/4P7	1	Capacitor cer	4.7p	NPO ±0.25p	0603	50V		
C110	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C111	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C112	NU	1	Not Used					Not mounted	FS
C113	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C114	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		FS
C115	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C116	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C117	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C118	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C119	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C120	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C124	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C125	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C126	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C127	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C128	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K224/1-001

PCB Assy

MRX 18/19 Board

Revision: PA5

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C491	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C492	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C493	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C494	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C495	PC101 315/47P	1	Capacitor cer	47p	NPO ±5%	0603	50V		
C501	PC101 315/18P	1	Capacitor cer	18p	NPO ±5%	0603	50V		
C502	NU	1	Not Used					Not mounted	
C503	PC101 315/2P7	1	Capacitor cer	2.7p	NPO ±0.25p	0603	50V		
C504	NU	1	Not Used					Not mounted	
C505	PC101 315/1P0	1	Capacitor cer	1.0p	NPO ±0.25p	0603	50V		
C506	NU	1	Not Used					Not mounted	
C507	NU	1	Not Used					Not mounted	
C508	PC101 315/1P0	1	Capacitor cer	1.0p	NPO ±0.25p	0603	50V		
C509	PC101 315/2P7	1	Capacitor cer	2.7p	NPO ±0.25p	0603	50V		
C510	NU	1	Not Used					Not mounted	
C511	NU	1	Not Used					Not mounted	
C512	NU	1	Not Used					Not mounted	
C513	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C514	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C515	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C521	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C531	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C532	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C533	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C534	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R605	PR301 175/220	1	NTC-res	220	±10%	0805		
R606	PR603 12/10K	1	Resistor	10k	±1%	0603		FS
R607	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R608	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R609	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R610	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R611	PR603 12/100	1	Resistor	100	±1%	0603		
R612	PR603 12/470	1	Resistor	470	±1%	0603		
R613	PR603 12/680	1	Resistor	680	±1%	0603		
R614	PR603 54/4R7	1	Resistor	4.7	±5%	0603		
R615	PR603 12/068	1	Resistor	68	±1%	0603		
R616	PR603 54/4R7	1	Resistor	4.7	±5%	0603		
R617	PR603 12/068	1	Resistor	68	±1%	0603		
R618	PR603 12/560	1	Resistor	560	±1%	0603		
R619	PR603 12/33K	1	Resistor	33k	±1%	0603		
R620	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R621	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R622	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R623	PR301 175/1K0	1	NTC-res	1k	±10%	0805		
R624	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R625	PR603 12/330	1	Resistor	330	±1%	0603		
R626	PR603 12/560	1	Resistor	560	±1%	0603		
R627	PR603 12/560	1	Resistor	560	±1%	0603		
R628	PR301 175/220	1	NTC-res	220	±10%	0805		
R629	PR603 12/10K	1	Resistor	10k	±1%	0603		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R630	PR603 12/220	1	Resistor	220	±1%	0603			
R631	PR603 12/330	1	Resistor	330	±1%	0603			
R632	PR603 12/022	1	Resistor	22	±1%	0603			
R633	PR603 12/220	1	Resistor	220	±1%	0603			
R634	PR301 175/220	1	NTC-res	220	±10%	0805			
R635	PR603 12/10K	1	Resistor	10k	±1%	0603			FS
R636	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R637	PR603 12/6K8	1	Resistor	6.8k	±1%	0603			
R638	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R639	PR603 12/100	1	Resistor	100	±1%	0603			
R640	PR603 12/100	1	Resistor	100	±1%	0603			
R641	PR603 12/330	1	Resistor	330	±1%	0603			
R642	PR603 12/033	1	Resistor	33	±1%	0603			
R643	PR603 12/010	1	Resistor	10	±1%	0603			
R644	PR603 12/010	1	Resistor	10	±1%	0603			
R645	PR603 12/033	1	Resistor	33	±1%	0603			
R651	PR603 12/330	1	Resistor	330	±1%	0603			
R652	PR603 12/018	1	Resistor	18	±1%	0603			
R653	PR603 12/330	1	Resistor	330	±1%	0603			
R661	PR603 12/010	1	Resistor	10	±1%	0603			
R662	NU	1	Not Used					Not mounted	
R663	NU	1	Not Used					Not mounted	
R664	PR603 12/47K	1	Resistor	47k	±1%	0603			
R665	PR603 12/W33	1	Resistor	330k	±1%	0603			
R675	PR603 12/10K	1	Resistor	10k	±1%	0603			FS

Product number: K123/2-301

PCB Assembly

CSA 19 Downlink

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R676	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R677	PR603 12/6K8	1	Resistor	6.8k	±1%	0603			
R678	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R679	PR603 12/470	1	Resistor	470	±1%	0603			
R680	PR603 12/100	1	Resistor	100	±1%	0603			
R681	PR603 12/680	1	Resistor	680	±1%	0603			
R682	PR603 12/033	1	Resistor	33	±1%	0603			
R683	PR603 12/033	1	Resistor	33	±1%	0603			
R684	PR603 54/4R7	1	Resistor	4.7	±5%	0603			
R685	PR603 54/4R7	1	Resistor	4.7	±5%	0603			
R686	PR603 12/470	1	Resistor	470	±1%	0603			
R692	PR603 12/330	1	Resistor	330	±1%	0603			
R693	PR603 12/018	1	Resistor	18	±1%	0603			
R695	PR603 12/330	1	Resistor	330	±1%	0603			
R701	PR603 12/330	1	Resistor	330	±1%	0603			
R702	PR603 12/018	1	Resistor	18	±1%	0603			
R703	PR603 12/330	1	Resistor	330	±1%	0603			
R704	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R705	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R707	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R708	PR603 12/470	1	Resistor	470	±1%	0603			
R709	PR603 12/680	1	Resistor	680	±1%	0603			
R710	PR603 12/047	1	Resistor	47	±1%	0603			
R711	PR603 12/047	1	Resistor	47	±1%	0603			
R720	PR603 12/560	1	Resistor	560	±1%	0603			

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Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R721	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R722	NU	1	Not Used					Not mounted
R723	PR603 12/33K	1	Resistor	33k	±1%	0603		
R724	PR603 00/0	1	Resistor	0		0603		
R725	NU	1	Not Used					Not mounted
R726	PR603 12/560	1	Resistor	560	±1%	0603		
R727	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R728	PR301 175/220	1	NTC-res	220	±10%	0805		
R729	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R730	PR603 12/10K	1	Resistor	10k	±1%	0603		
R731	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R732	PR301 175/1K0	1	NTC-res	1k	±10%	0805		
R733	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R734	PR603 12/330	1	Resistor	330	±1%	0603		
R735	PR603 12/560	1	Resistor	560	±1%	0603		
R736	PR603 00/FS	1	Resistor	FS		0603		Factory Set value
R737	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R738	PR603 12/3K3	1	Resistor	3.3k	±1%	0603		
R739	PR603 12/680	1	Resistor	680	±1%	0603		
R740	PR603 12/100	1	Resistor	100	±1%	0603		
R741	PR603 12/047	1	Resistor	47	±1%	0603		
R742	PR603 12/047	1	Resistor	47	±1%	0603		
R745	PR603 12/018	1	Resistor	18	±1%	0603		
R746	PR603 12/330	1	Resistor	330	±1%	0603		
R747	PR603 12/330	1	Resistor	330	±1%	0603		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R755	PR603 12/330	1	Resistor	330	±1%	0603			
R756	PR603 12/010	1	Resistor	10	±1%	0603			
R757	PR603 00/0	1	Resistor	0		0603			
R758	PR603 12/33K	1	Resistor	33k	±1%	0603			
R759	PR603 12/470	1	Resistor	470	±1%	0603			
R760	PR603 12/470	1	Resistor	470	±1%	0603			
R761	PR603 12/47K	1	Resistor	47k	±1%	0603			
R771	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R772	NU	1	Not Used					Not mounted	
R773	PR603 12/010	1	Resistor	10	±1%	0603			
R774	NU	1	Not Used					Not mounted	
R775	PR603 12/470	1	Resistor	470	±1%	0603			
R776	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R777	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R778	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R779	PR603 12/680	1	Resistor	680	±1%	0603			
R780	PR603 12/100	1	Resistor	100	±1%	0603			
R781	PR603 12/047	1	Resistor	47	±1%	0603			
R782	PR603 12/047	1	Resistor	47	±1%	0603			
R783	PR603 12/470	1	Resistor	470	±1%	0603			
R784	PR603 12/010	1	Resistor	10	±1%	0603			
R785	PR603 12/470	1	Resistor	470	±1%	0603			
R786	PR603 12/10K	1	Resistor	10k	±1%	0603			
R787	PR603 12/47K	1	Resistor	47k	±1%	0603			
R791	PR603 12/47K	1	Resistor	47k	±1%	0603			

Product number: K123/2-301

PCB Assembly

CSA 19 Downlink

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R801	PR603 12/22K	1	Resistor	22k	±1%	0603			
R802	PR603 12/22K	1	Resistor	22k	±1%	0603			
R803	PR603 12/22K	1	Resistor	22k	±1%	0603			
R804	PR603 12/10K	1	Resistor	10k	±1%	0603			
R805	PR603 12/010	1	Resistor	10	±1%	0603			
R806	PR603 12/33K	1	Resistor	33k	±1%	0603			
R807	PR603 12/33K	1	Resistor	33k	±1%	0603			
R808	PR603 12/33K	1	Resistor	33k	±1%	0603			
R809	PR603 12/150	1	Resistor	150	±1%	0603			
R810	PR603 12/220	1	Resistor	220	±1%	0603			
R811	NU	1	Not Used					Not mounted	
R812	NU	1	Not Used					Not mounted	
R813	NU	1	Not Used					Not mounted	
R814	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R815	NU	1	Not Used					Not mounted	
R816	PR603 12/1M0	1	Resistor	1M	±1%	0603			
R817	NU	1	Not Used					Not mounted	
R818	PR603 12/470	1	Resistor	470	±1%	0603			
R819	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R820	PR603 12/1M0	1	Resistor	1M	±1%	0603			
R821	PR603 12/33K	1	Resistor	33k	±1%	0603			
R822	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R823	PR603 12/33K	1	Resistor	33k	±1%	0603			
R824	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R825	PR603 12/1K0	1	Resistor	1k	±1%	0603			

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Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R826	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R827	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R828	PR603 12/047	1	Resistor	47	±1%	0603		
R829	NU	1	Not Used					Not mounted
R830	PR603 12/010	1	Resistor	10	±1%	0603		
R831	PR603 12/047	1	Resistor	47	±1%	0603		
R832	PR603 12/047	1	Resistor	47	±1%	0603		
R833	PR603 12/100	1	Resistor	100	±1%	0603		
R834	NU	1	Not Used					Not mounted
R835	PR603 12/010	1	Resistor	10	±1%	0603		
R836	PR603 12/150	1	Resistor	150	±1%	0603		
R837	PR603 12/068	1	Resistor	68	±1%	0603		
R838	PR603 12/150	1	Resistor	150	±1%	0603		
R851	PR603 12/22K	1	Resistor	22k	±1%	0603		
R852	PR603 12/22K	1	Resistor	22k	±1%	0603		
R853	PR603 12/22K	1	Resistor	22k	±1%	0603		
R854	PR603 12/10K	1	Resistor	10k	±1%	0603		
R855	PR603 12/010	1	Resistor	10	±1%	0603		
R856	PR603 12/33K	1	Resistor	33k	±1%	0603		
R857	PR603 12/33K	1	Resistor	33k	±1%	0603		
R858	PR603 12/33K	1	Resistor	33k	±1%	0603		
R859	PR603 12/150	1	Resistor	150	±1%	0603		
R860	PR603 12/220	1	Resistor	220	±1%	0603		
R861	NU	1	Not Used					Not mounted
R862	NU	1	Not Used					Not mounted

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R863	NU	1	Not Used						Not mounted
R864	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R865	NU	1	Not Used						Not mounted
R866	NU	1	Not Used						Not mounted
R867	PR603 12/1M0	1	Resistor	1M	±1%	0603			
R868	PR603 12/470	1	Resistor	470	±1%	0603			
R869	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R870	PR603 12/1M0	1	Resistor	1M	±1%	0603			
R871	PR603 12/33K	1	Resistor	33k	±1%	0603			
R872	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R873	PR603 12/33K	1	Resistor	33k	±1%	0603			
R874	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R875	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R876	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R877	PR603 12/047	1	Resistor	47	±1%	0603			
R878	PR603 12/047	1	Resistor	47	±1%	0603			
R879	PR603 12/047	1	Resistor	47	±1%	0603			
R890	PR603 12/22K	1	Resistor	22k	±1%	0603			
R891	PR603 12/22K	1	Resistor	22k	±1%	0603			
R892	PR603 12/22K	1	Resistor	22k	±1%	0603			
R901	PR603 12/47K	1	Resistor	47k	±1%	0603			
R902	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R903	PR603 12/10K	1	Resistor	10k	±1%	0603			
R904	NU	1	Not Used						Not mounted
R905	PR603 12/47K	1	Resistor	47k	±1%	0603			

Product number: K123/2-301

PCB Assembly

CSA 19 Downlink

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R906	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R907	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R908	PR603 12/10K	1	Resistor	10k	±1%	0603			
R909	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R910	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R911	PR603 12/47K	1	Resistor	47k	±1%	0603			
R912	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R913	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R914	PR603 12/470	1	Resistor	470	±1%	0603			
R916	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R917	PR603 12/M22	1	Resistor	220k	±1%	0603			
R918	PR603 00/0	1	Resistor	0		0603			
R919	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R920	PR603 12/10K	1	Resistor	10k	±1%	0603			
R921	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R922	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R923	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R924	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R925	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R926	PR603 54/4M7	1	Resistor	4.7M	±5%	0603			
R927	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R928	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R929	PR603 12/10K	1	Resistor	10k	±1%	0603			
R930	PR603 12/10K	1	Resistor	10k	±1%	0603			
R931	PR603 12/10K	1	Resistor	10k	±1%	0603			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R932	PR603 12/10K	1	Resistor	10k	±1%	0603		
R933	PR603 12/10K	1	Resistor	10k	±1%	0603		
R934	PR603 12/10K	1	Resistor	10k	±1%	0603		
R935	PR603 12/470	1	Resistor	470	±1%	0603		
R936	PR603 12/10K	1	Resistor	10k	±1%	0603		
R937	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R938	PR603 12/33K	1	Resistor	33k	±1%	0603		
R939	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R940	PR603 12/10K	1	Resistor	10k	±1%	0603		
R941	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R942	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R943	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R944	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R945	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R946	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R947	PR603 12/220	1	Resistor	220	±1%	0603		
R948	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R949	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R950	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R951	NU	1	Not Used				Not mounted	
R952	NU	1	Not Used				Not mounted	
R953	PR603 12/3K3	1	Resistor	3.3k	±1%	0603		
R954	PR603 12/3K3	1	Resistor	3.3k	±1%	0603		
R955	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R956	PR603 12/1K0	1	Resistor	1k	±1%	0603		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R957	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R958	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R959	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R960	PR603 12/22K	1	Resistor	22k	±1%	0603			
R961	PR603 12/10K	1	Resistor	10k	±1%	0603			
R962	PR603 12/10K	1	Resistor	10k	±1%	0603			
R963	PR603 12/10K	1	Resistor	10k	±1%	0603			
R964	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R965	PR603 00/0	1	Resistor	0		0603			
R966	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R967	PR603 12/22K	1	Resistor	22k	±1%	0603			
R968	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R969	PR603 12/10K	1	Resistor	10k	±1%	0603			
R970	PR603 12/10K	1	Resistor	10k	±1%	0603			
R971	PR603 12/10K	1	Resistor	10k	±1%	0603			
R972	PR603 12/10K	1	Resistor	10k	±1%	0603			
R973	PR603 00/0	1	Resistor	0		0603			
R974	PR603 12/10K	1	Resistor	10k	±1%	0603			
R975	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R976	PR301 175/1K0	1	NTC-res	1k	±10%	0805			
R977	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R978	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R979	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R980	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R981	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R957	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R958	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R959	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R960	PR603 12/22K	1	Resistor	22k	±1%	0603			
R961	PR603 12/10K	1	Resistor	10k	±1%	0603			
R962	PR603 12/10K	1	Resistor	10k	±1%	0603			
R963	PR603 12/10K	1	Resistor	10k	±1%	0603			
R964	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R965	PR603 00/0	1	Resistor	0		0603			
R966	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R967	PR603 12/22K	1	Resistor	22k	±1%	0603			
R968	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R969	PR603 12/10K	1	Resistor	10k	±1%	0603			
R970	PR603 12/10K	1	Resistor	10k	±1%	0603			
R971	PR603 12/10K	1	Resistor	10k	±1%	0603			
R972	PR603 12/10K	1	Resistor	10k	±1%	0603			
R973	PR603 00/0	1	Resistor	0		0603			
R974	PR603 12/10K	1	Resistor	10k	±1%	0603			
R975	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R976	PR301 175/1K0	1	NTC-res	1k	±10%	0805			
R977	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R978	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R979	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R980	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R981	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R982	PR603 12/10K	1	Resistor	10k	±1%	0603		
R983	PR603 12/10K	1	Resistor	10k	±1%	0603		
R984	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R985	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R986	NU	1	Not Used					Not mounted
R987	PR603 12/330	1	Resistor	330	±1%	0603		
R988	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R989	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R990	PR603 12/22K	1	Resistor	22k	±1%	0603		
R991	PR603 12/22K	1	Resistor	22k	±1%	0603		
R992	PR603 00/0	1	Resistor	0		0603		
R993	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R994	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R995	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R996	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R997	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R998	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R999	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
W01	M123	1	PC Board	CSA 18/19				Custom design
W02	VD101 73/1	1	Cooling body					Custom design
W03	VD101 44/1	1	Shield box					Custom design
W04	VD101 44/1	1	Shield box					Custom design
W05	VD101 46/1	1	Shield box					Custom design
W06	VD101 46/1	1	Shield box					Custom design
W07	VD101 45/1	1	Cover					Custom design

Product number: K129/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
W08	VD101 45/1	1	Cover						Custom design
W09	VD101 47/1	1	Cover						Custom design
W10	VD101 47/1	1	Cover						Custom design
W11	NU	1	Not Used						Not mounted
W12	NU	1	Not Used						Not mounted
W13	PV301 01/2	1	Tube rivet	2x0.3x8					
W14	PV301 01/2	1	Tube rivet	2x0.3x8					
W15	PV301 01/2	1	Tube rivet	2x0.3x8					
W17	PV901 17/1	1	Label	29x8-W					
W18	PM214 01/52	1	Socket			PLCC52			
W19	NU	1	Not Used						Not mounted
W20	NU	1	Not Used						Not mounted
W21	NU	1	Not Used						Not mounted
X101	NU	1	Not Used						Not mounted
X102	PM246 09/1	1	SAW-filter IF	FB G858	240.050 MHz	SMD			
X201	PM246 09/1	1	SAW-filter IF	FB G858	240.050 MHz	SMD			
X301	PM201 01/2	1	DBM-mixer	SYM-3201	+17dBm	SMD			
X302	PM244 06/2	1	SAW-filter RF	F6 L2	1960 MHz	SMD			
X303	PM244 06/2	1	SAW-filter RF	F6 L2	1960 MHz	SMD			
X501	NU	1	Not Used						Not mounted
X502	PM246 09/1	1	SAW-filter IF	FB G858	240.050 MHz	SMD			
X601	PM246 09/1	1	SAW-filter IF	FB G858	240.050 MHz	SMD			
X701	PM201 01/2	1	DBM-mixer	SYM-3201	+17dBm	SMD			
X702	PM244 06/2	1	SAW-filter RF	F6 L2	1960 MHz	SMD			
X703	PM244 06/2	1	SAW-filter RF	F6 L2	1960 MHz	SMD			

Product number: K123/2-301

PCB Assembly

CSA 19 Downlink

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
X901	PM202 04/1	1	Resonator	CSAC	8.00 MHz	SMD			

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Product number: K123/1-301			PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C102	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C103	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C104	PC101 315/1P8	1	Capacitor cer	1.0p	NPO ±0.25p	0603	50V		
C105	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C106	NU	1	Not Used					Not mounted	
C107	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C108	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C109	PC101 315/1P2	1	Capacitor cer	1.2p	NPO ±0.25p	0603	50V		
C110	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C111	NU	1	Not Used					Not mounted	
C112	NU	1	Not Used					Not mounted	
C113	PC101 315/1P0	1	Capacitor cer	1.0p	NPO ±0.25p	0603	50V		
C114	NU	1	Not Used					Not mounted	
C115	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C116	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C117	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C118	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C119	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C120	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C121	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C122	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C123	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C124	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C125	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C126	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C127	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C128	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C129	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C130	PC401 01/10	1	Trim cap	2.5 - 10 p		SMD	25V		
C131	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C132	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C136	NU	1	Not Used					Not mounted	
C137	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C138	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C139	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C140	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C141	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C142	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C143	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C144	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C145	NU	1	Not Used					Not mounted	
C146	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C147	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C148	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C149	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C150	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C151	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C152	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C153	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C161	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C162	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C163	NU	1	Not Used					Not mounted	
C164	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C165	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C166	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C167	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C168	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C169	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C170	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C171	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C172	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C173	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C174	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C175	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C181	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C182	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C183	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C184	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C185	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C186	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C187	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C188	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C189	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C192	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C193	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C201	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C202	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C203	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C204	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C205	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C207	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C208	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C209	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C210	NU	1	Not Used					Not mounted	
C211	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C212	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C213	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C214	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C215	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C216	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C217	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C218	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C220	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C221	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C222	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C223	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C224	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C225	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C231	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C232	PC401 01/10	1	Trim cap	2.5 - 10 p		SMD	25V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C233	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C234	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C235	NU	1	Not Used					Not mounted	
C236	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C237	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C251	PC101 371/47M	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C252	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C253	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C254	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C271	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C272	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C273	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C274	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C275	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C277	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C278	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C280	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C283	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C284	PC101 315/5P6	1	Capacitor cer	5.6p	NPO ±0.25p	0603	50V		
C288	PC101 315/5P6	1	Capacitor cer	5.6p	NPO ±0.25p	0603	50V		
C301	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C303	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C304	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C305	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C306	PC101 315/3P9	1	Capacitor cer	3.9p	NPO ±0.25p	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C307	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C308	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C309	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C310	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C311	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C312	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C313	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C314	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C321	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C322	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C323	NU	1	Not Used					Not mounted	
C324	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C325	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C326	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C327	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C328	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C329	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C330	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C331	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C332	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C333	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C334	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C335	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C336	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C337	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C345	PC101 315/3P3	1	Capacitor cer	3.3p	NP0 ±0.25p	0603	50V		
C346	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C347	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C348	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C349	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C350	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C351	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C352	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C361	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C362	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C363	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C364	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C365	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C366	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C367	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C368	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C369	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C370	PC101 315/1P5	1	Capacitor cer	1.5p	NP0 ±0.25p	0603	50V		
C371	PC101 315/3P3	1	Capacitor cer	3.3p	NP0 ±0.25p	0603	50V		
C372	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C373	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C374	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C375	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C376	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C377	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C381	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C382	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C383	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C384	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C385	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C386	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C387	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C388	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C389	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C390	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C391	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C392	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C393	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C394	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C395	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C396	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C397	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C398	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C401	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C402	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C403	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C404	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C405	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C406	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C407	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C408	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C409	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C410	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C411	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C412	NU	1	Not Used					Not mounted	
C413	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C414	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C415	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C416	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C417	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C418	NU	1	Not Used					Not mounted	
C419	NU	1	Not Used					Not mounted	
C420	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C421	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C422	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C423	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C424	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C425	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C426	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C427	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C428	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C429	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C430	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C431	NU	1	Not Used					Not mounted	
C432	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C433	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C434	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C435	PC101 315/1P2	1	Capacitor cer	1.2p	NPO ±0.25p	0603	50V		
C436	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C437	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C438	PC101 315/M33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C439	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C440	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C441	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C442	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C443	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C444	PC101 315/1P5	1	Capacitor cer	1.5p	NPO ±0.25p	0603	50V		
C445	PC101 315/1P0	1	Capacitor cer	1.0p	NPO ±0.25p	0603	50V		
C446	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C447	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C448	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C449	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C450	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C451	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C452	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C455	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C456	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C457	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C458	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C459	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C460	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C461	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C462	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C463	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C464	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C465	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C466	NU	1	Not Used					Not mounted	
C467	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C468	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C469	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C470	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C471	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C472	NU	1	Not Used					Not mounted	
C473	NU	1	Not Used					Not mounted	
C474	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C475	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C476	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C477	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C478	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C479	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C480	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C481	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C482	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C483	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C484	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C485	NU	1	Not Used						Not mounted
C486	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C487	PC101 300/FS	1	Capacitor cer	FS		0603			Factory Set value
C488	PC101 315/1P2	1	Capacitor cer	1.2p	NPO ±0.25p	0603	50V		
C489	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C490	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C491	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C492	PC101 315/1P5	1	Capacitor cer	1.5p	NPO ±0.25p	0603	50V		
C502	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C503	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C504	PC101 315/1P8	1	Capacitor cer	1.8p	NPO ±0.25p	0603	50V		
C505	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C506	NU	1	Not Used						Not mounted
C507	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C508	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C509	PC101 315/1P2	1	Capacitor cer	1.2p	NPO ±0.25p	0603	50V		
C510	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C511	NU	1	Not Used						Not mounted
C512	NU	1	Not Used						Not mounted
C513	PC101 315/1P0	1	Capacitor cer	1.0p	NPO ±0.25p	0603	50V		
C514	NU	1	Not Used						Not mounted
C515	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C516	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C517	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C518	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C519	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C520	PC101 375/10W	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C521	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C522	PC101 375/10W	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C523	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C524	PC101 375/10W	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C525	PC101 375/10W	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C526	PC101 375/1W0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C527	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C528	PC101 375/10W	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C529	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C530	PC401 01/10	1	Trim cap	2.5 - 10 p		SMD	25V		
C531	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C532	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C536	NU	1	Not Used					Not mounted	
C537	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C538	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C539	PC101 375/10W	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C540	PC101 375/10W	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C541	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C542	PC101 375/1W0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C543	PC101 375/10W	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C544	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C545	NU	1	Not Used					Not mounted	
C546	PC101 375/10W	1	Capacitor cer	10n	X7R ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C584	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C585	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C586	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C587	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C588	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C589	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C592	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C593	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C601	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C602	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C603	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C604	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C605	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C607	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C608	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C609	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C610	NU	1	Not Used					Not mounted	
C611	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C612	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C613	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C614	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C615	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C616	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C617	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C618	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C620	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C621	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C622	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C623	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C624	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C625	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C631	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C632	PC401 01/10	1	Trim cap	2.5 - 10 p		SMD	25V		
C633	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C634	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C635	NU	1	Not Used					Not mounted	
C636	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C637	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C651	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C652	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C653	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C654	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C671	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C672	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C673	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C674	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C675	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C677	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C678	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C680	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		

Product number: K123/1-301

PCB Assembly

CSA 19 Uplink

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C683	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C684	PC101 315/5P6	1	Capacitor cer	5.6p	NPO ±0.25p	0603	50V		
C686	PC101 315/5P6	1	Capacitor cer	5.6p	NPO ±0.25p	0603	50V		
C701	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C703	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C704	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C705	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C706	PC101 315/3P9	1	Capacitor cer	3.9p	NPO ±0.25p	0603	50V		
C707	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C708	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C709	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C710	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C711	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C712	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C713	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C714	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C721	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C722	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C723	NU	1	Not Used					Not mounted	
C724	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C725	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C726	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C727	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C728	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C729	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C730	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C731	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C732	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C733	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C734	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C735	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C736	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C737	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C745	PC101 315/3P3	1	Capacitor cer	3.3p	NPO ±0.25p	0603	50V		
C746	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C747	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C748	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C749	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C750	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C751	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C752	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C761	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C762	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C763	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C764	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C765	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C766	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C767	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C768	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C769	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C770	PC101 315/1P5	1	Capacitor cer	1.5p	NP0 ±0.25p	0603	50V		
C771	PC101 315/3P3	1	Capacitor cer	3.3p	NP0 ±0.25p	0603	50V		
C772	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C773	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C774	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C775	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C776	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C777	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C781	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C782	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C783	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C784	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C785	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C786	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C787	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C788	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C789	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C790	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C791	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C792	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C793	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C794	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C795	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C796	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C797	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C798	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C801	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C802	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C803	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C804	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C805	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C806	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C807	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C808	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C809	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C810	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C811	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C812	NU	1	Not Used					Not mounted	
C813	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C814	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C815	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C816	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C817	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C818	NU	1	Not Used					Not mounted	
C819	NU	1	Not Used					Not mounted	
C820	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C821	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C822	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C823	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C824	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		

Product number: K123/1-301

PCB Assembly

CSA 19 Uplink

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C825	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C826	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C827	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C828	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C829	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C830	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C831	NU	1	Not Used					Not mounted	
C832	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C833	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C834	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C835	PC101 315/1P2	1	Capacitor cer	1.2p	NPO ±0.25p	0603	50V		
C836	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C837	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C838	PC101 315/W33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C839	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C840	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C841	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C842	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C843	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C844	PC101 315/1P5	1	Capacitor cer	1.5p	NPO ±0.25p	0603	50V		
C845	PC101 315/1P0	1	Capacitor cer	1.0p	NPO ±0.25p	0603	50V		
C846	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C847	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C848	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C849	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C850	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C851	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C852	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C855	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C856	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C857	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C858	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C859	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C860	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C861	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C862	PC101 315/W33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C863	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C864	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C865	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C866	NU	1	Not Used					Not mounted	
C867	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C868	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C869	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C870	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C871	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C872	NU	1	Not Used					Not mounted	
C873	NU	1	Not Used					Not mounted	
C874	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C875	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C876	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Poa	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C877	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C878	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C879	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C880	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C881	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C882	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C883	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C884	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C885	NU	1	Not Used					Not mounted	
C886	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C887	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C888	PC101 315/1P2	1	Capacitor cer	1.2p	NPO ±0.25p	0603	50V		
C889	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C890	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C891	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C892	PC101 315/1P5	1	Capacitor cer	1.5p	NPO ±0.25p	0603	50V		
C901	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C902	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C903	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C904	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C905	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C906	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C907	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C908	PC101 315/18P	1	Capacitor cer	18p	NPO ±5%	0603	50V		
C909	PC101 315/18P	1	Capacitor cer	18p	NPO ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C910	PC301 10/A407	1	Tantal cap	4.7u	±20%	3216	10V		
C911	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C912	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C913	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C914	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C915	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C916	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C917	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C918	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C919	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C920	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C921	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C922	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C923	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C924	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C925	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C926	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C927	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C928	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C929	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C930	NU	1	Not Used					Not mounted	
C931	NU	1	Not Used					Not mounted	
C932	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C933	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C934	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C935	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C936	NU	1	Not Used					Not mounted	
C937	NU	1	Not Used					Not mounted	
C941	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C942	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C943	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C944	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C945	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C946	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C947	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C948	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C949	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C950	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C951	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C952	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C953	NU	1	Not Used					Not mounted	
C954	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C955	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C956	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C957	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C958	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C959	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C960	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C961	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C962	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C963	PC101 375/10M	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C964	PC101 375/10M	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C965	PC101 375/10M	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C966	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C967	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C968	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C969	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C970	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C971	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C972	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C973	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C974	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C975	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C976	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C977	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C978	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C979	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C980	PC101 375/10M	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C981	PC101 375/10M	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C982	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C983	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
D101	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D102	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D111	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D112	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
D201	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D202	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D301	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D302	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D304	PQ121 01/1	1	Schottky diode	MA4CS103E		SOT143		
D306	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D401	PQ151 13/1	1	Cap-diode	SMV1104-34	6.5pF	SOD323		
D402	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D405	PQ151 13/1	1	Cap-diode	SMV1104-34	6.5pF	SOD323		
D501	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D502	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D511	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D512	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D601	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D602	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D701	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D702	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D704	PQ121 01/1	1	Schottky diode	MA4CS103E		SOT143		
D706	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D801	PQ151 13/1	1	Cap-diode	SMV1104-34	6.5pF	SOD323		
D802	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D805	PQ151 13/1	1	Cap-diode	SMV1104-34	6.5pF	SOD323		
D901	PQ111 01/1	1	Diode	BAV99		SOT23		
D902	PQ301 07/1	1	LED	(LS T670)	red	3528		
D903	PQ111 01/1	1	Diode	BAV99		SOT23		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
L101	PM106 01/2N2	1	Inductor	2.2n	±0.2	0603		
L102	PM106 01/4N7	1	Inductor	4.7n	±0.2	0603		
L103	PM106 01/5N6	1	Inductor	5.6n	±5%	0603		
L104	PM101 527/U22	1	Inductor	220n	±10%	0805		
L105	PM101 527/33N	1	Inductor	33n	±10%	0805		
L106	PM101 527/56N	1	Inductor	56n	±10%	0805		
L107	PM101 527/U22	1	Inductor	220n	±10%	0805		
L108	PM101 822/12N	1	Inductor	12n	±2%	1008		
L109	PM101 822/10N	1	Inductor	10n	±2%	1008		
L110	PM101 822/15N	1	Inductor	15n	±2%	1008		
L111	PM101 822/18N	1	Inductor	18n	±2%	1008		FS
L112	PM101 822/10N	1	Inductor	10n	±2%	1008		
L113	PM101 822/12N	1	Inductor	12n	±2%	1008		
L121	PM101 527/56N	1	Inductor	56n	±10%	0805		
L122	PM101 527/U22	1	Inductor	220n	±10%	0805		
L123	PM101 527/U22	1	Inductor	220n	±10%	0805		
L131	PM101 527/U22	1	Inductor	220n	±10%	0805		
L132	PM101 527/U22	1	Inductor	220n	±10%	0805		
L133	PM101 527/U22	1	Inductor	220n	±10%	0805		
L201	PM101 527/U22	1	Inductor	220n	±10%	0805		
L202	PM101 527/U22	1	Inductor	220n	±10%	0805		
L203	PM101 527/U22	1	Inductor	220n	±10%	0805		
L204	PM101 527/56N	1	Inductor	56n	±10%	0805		
L205	PM101 527/U22	1	Inductor	220n	±10%	0805		
L210	PM101 822/12N	1	Inductor	12n	±2%	1008		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
L211	PM101 822/10N	1	Inductor	10n	±2%	1008			
L212	PM101 822/15N	1	Inductor	15n	±2%	1008			
L213	PM101 822/18N	1	Inductor	18n	±2%	1008			FS
L214	PM101 822/10N	1	Inductor	10n	±2%	1008			
L215	PM101 822/12N	1	Inductor	12n	±2%	1008			
L221	NU	1	Not Used					Not mounted	
L225	PM101 527/022	1	Inductor	220n	±10%	0805			
L226	PM101 527/022	1	Inductor	220n	±10%	0805			
L227	PM101 825/47N	1	Inductor	47n	±5%	1008			
L228	PM101 825/68N	1	Inductor	68n	±5%	1008			
L230	PM101 825/68N	1	Inductor	68n	±5%	1008			
L231	PM101 825/47N	1	Inductor	47n	±5%	1008			
L301	PM106 01/2N2	1	Inductor	2.2n	±0.2	0603			
L305	PM101 527/56N	1	Inductor	56n	±10%	0805			
L307	PM101 527/56N	1	Inductor	56n	±10%	0805			
L311	PM101 527/56N	1	Inductor	56n	±10%	0805			
L312	PM106 01/2N2	1	Inductor	2.2n	±0.2	0603			
L313	PM106 01/2N2	1	Inductor	2.2n	±0.2	0603			
L401	PM101 527/56N	1	Inductor	56n	±10%	0805			
L402	PM101 527/56N	1	Inductor	56n	±10%	0805			
L403	PM101 527/56N	1	Inductor	56n	±10%	0805			
L404	PM101 527/56N	1	Inductor	56n	±10%	0805			
L407	PM101 527/56N	1	Inductor	56n	±10%	0805			
L408	PM101 527/56N	1	Inductor	56n	±10%	0805			
L501	PM106 01/2N2	1	Inductor	2.2n	±0.2	0603			

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
L502	PM106 01/4N7	1	Inductor	4.7n	±0.2	0603		
L503	PM106 01/5N6	1	Inductor	5.6n	±5%	0603		
L504	PM101 527/U22	1	Inductor	220n	±10%	0805		
L505	PM101 527/33N	1	Inductor	33n	±10%	0805		
L506	PM101 527/56N	1	Inductor	56n	±10%	0805		
L507	PM101 527/U22	1	Inductor	220n	±10%	0805		
L508	PM101 822/12N	1	Inductor	12n	±2%	1008		
L509	PM101 822/10N	1	Inductor	10n	±2%	1008		
L510	PM101 822/15N	1	Inductor	15n	±2%	1008		
L511	PM101 822/18N	1	Inductor	18n	±2%	1008		FS
L512	PM101 822/10N	1	Inductor	10n	±2%	1008		
L513	PM101 822/12N	1	Inductor	12n	±2%	1008		
L521	PM101 527/56N	1	Inductor	56n	±10%	0805		
L522	PM101 527/U22	1	Inductor	220n	±10%	0805		
L523	PM101 527/U22	1	Inductor	220n	±10%	0805		
L531	PM101 527/U22	1	Inductor	220n	±10%	0805		
L532	PM101 527/U22	1	Inductor	220n	±10%	0805		
L533	PM101 527/U22	1	Inductor	220n	±10%	0805		
L601	PM101 527/U22	1	Inductor	220n	±10%	0805		
L602	PM101 527/U22	1	Inductor	220n	±10%	0805		
L603	PM101 527/U22	1	Inductor	220n	±10%	0805		
L604	PM101 527/56N	1	Inductor	56n	±10%	0805		
L605	PM101 527/U22	1	Inductor	220n	±10%	0805		
L610	PM101 822/12N	1	Inductor	12n	±2%	1008		
L611	PM101 822/10N	1	Inductor	10n	±2%	1008		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
L612	PM101 822/15N	1	Inductor	15n	±2%	1008			
L613	PM101 822/18N	1	Inductor	18n	±2%	1008			FS
L614	PM101 822/10N	1	Inductor	10n	±2%	1008			
L615	PM101 822/12N	1	Inductor	12n	±2%	1008			
L621	NU	1	Not Used					Not mounted	
L625	PM101 527/U22	1	Inductor	220n	±10%	0805			
L626	PM101 527/U22	1	Inductor	220n	±10%	0805			
L627	PM101 825/47N	1	Inductor	47n	±5%	1008			
L628	PM101 825/68N	1	Inductor	68n	±5%	1008			
L630	PM101 825/68N	1	Inductor	68n	±5%	1008			
L631	PM101 825/47N	1	Inductor	47n	±5%	1008			
L701	PM106 01/2N2	1	Inductor	2.2n	±0.2	0603			
L705	PM101 527/56N	1	Inductor	56n	±10%	0805			
L707	PM101 527/56N	1	Inductor	56n	±10%	0805			
L711	PM101 527/56N	1	Inductor	56n	±10%	0805			
L712	PM106 01/2N2	1	Inductor	2.2n	±0.2	0603			
L713	PM106 01/2N2	1	Inductor	2.2n	±0.2	0603			
L801	PM101 527/56N	1	Inductor	56n	±10%	0805			
L802	PM101 527/56N	1	Inductor	56n	±10%	0805			
L803	PM101 527/56N	1	Inductor	56n	±10%	0805			
L804	PM101 527/56N	1	Inductor	56n	±10%	0805			
L807	PM101 527/56N	1	Inductor	56n	±10%	0805			
L808	PM101 527/56N	1	Inductor	56n	±10%	0805			
P101	PM211 01/1	1	Coax conn	receptacle	NCK straight				
P102	NU	1	Not Used					Not mounted	

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
P301	PM211 01/1	1	Coax conn	receptacle	MCX straight				
P901	PM212 01/16	1	Connector	1 x 16p receptacle	gold plated				
P902	PM212 09/10	1	Connector	2 x 5p M	DIN41651				
Q101	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q102	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q103	PQ422 01/1	1	MIXER GaAs	CMY200		MM6			
Q104	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q105	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q111	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q112	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q114	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q121	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q123	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q124	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q131	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08			
Q201	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q203	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q204	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q205	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q206	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q213	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q214	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q215	PQ414 01/1	1	Log. Amplifier	(AD8307AR)		S08			
Q301	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q302	PQ231 15/1	1	RF-trans	BFP450		SOT343			

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
Q305	PQ211 11/1	1	Transistor	(BCX70J)		SOT23		
Q306	PQ211 12/1	1	Transistor	(BCX71J)		SOT23		
Q307	PQ231 15/1	1	RF-trans	BFP450		SOT343		
Q309	PQ431 12/1	1	MMIC	UPC2709		SOP6		
Q311	PQ211 12/1	1	Transistor	(BCX71J)		SOT23		
Q312	PQ431 12/1	1	MMIC	UPC2709		SOP6		
Q313	PQ211 12/1	1	Transistor	(BCX71J)		SOT23		
Q314	PQ231 15/1	1	RF-trans	BFP450		SOT343		
Q316	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08		
Q317	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08		
Q401	PQ421 02/1	1	PLL	MB1517		SSOP16		
Q402	NU	1	Not Used					Not mounted
Q403	PQ211 12/1	1	Transistor	(BCX71J)		SOT23		
Q404	PQ211 11/1	1	Transistor	(BCX70J)		SOT23		
Q405	PQ211 12/1	1	Transistor	(BCX71J)		SOT23		
Q406	PQ231 16/1	1	RF-trans	NE85630		SOT323		
Q407	PQ431 12/1	1	MMIC	UPC2709		SOP6		
Q408	PQ431 12/1	1	MMIC	UPC2709		SOP6		
Q411	PQ421 02/1	1	PLL	MB1517		SSOP16		
Q412	NU	1	Not Used					Not mounted
Q413	PQ211 12/1	1	Transistor	(BCX71J)		SOT23		
Q414	PQ211 11/1	1	Transistor	(BCX70J)		SOT23		
Q415	PQ231 16/1	1	RF-trans	NE85630		SOT323		
Q501	PQ211 12/1	1	Transistor	(BCX71J)		SOT23		
Q502	PQ231 15/1	1	RF-trans	BFP450		SOT343		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink		Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1 Remark 2
Q503	PQ422 01/1	1	MIXER GaAs	CMY200		MM6	
Q504	PQ211 12/1	1	Transistor	(BCX71J)		SOT23	
Q505	PQ231 15/1	1	RF-trans	BFP450		SOT343	
Q511	PQ211 12/1	1	Transistor	(BCX71J)		SOT23	
Q512	PQ231 15/1	1	RF-trans	BFP450		SOT343	
Q514	PQ211 11/1	1	Transistor	(BCX70J)		SOT23	
Q521	PQ211 12/1	1	Transistor	(BCX71J)		SOT23	
Q523	PQ211 11/1	1	Transistor	(BCX70J)		SOT23	
Q524	PQ231 15/1	1	RF-trans	BFP450		SOT343	
Q531	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08	
Q601	PQ211 12/1	1	Transistor	(BCX71J)		SOT23	
Q603	PQ231 15/1	1	RF-trans	BFP450		SOT343	
Q604	PQ211 11/1	1	Transistor	(BCX70J)		SOT23	
Q605	PQ211 12/1	1	Transistor	(BCX71J)		SOT23	
Q606	PQ231 15/1	1	RF-trans	BFP450		SOT343	
Q613	PQ211 12/1	1	Transistor	(BCX71J)		SOT23	
Q614	PQ231 15/1	1	RF-trans	BFP450		SOT343	
Q615	PQ414 01/1	1	Log. Amplifier	(AD8307AR)		S08	
Q701	PQ211 12/1	1	Transistor	(BCX71J)		SOT23	
Q702	PQ231 15/1	1	RF-trans	BFP450		SOT343	
Q705	PQ211 11/1	1	Transistor	(BCX70J)		SOT23	
Q706	PQ211 12/1	1	Transistor	(BCX71J)		SOT23	
Q707	PQ231 15/1	1	RF-trans	BFP450		SOT343	
Q709	PQ431 12/1	1	MMIC	UPC2709		SOP6	
Q711	PQ211 12/1	1	Transistor	(BCX71J)		SOT23	

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
Q712	PQ431 12/1	1	MMIC	UPC2709		SOP6		
Q713	PQ211 12/1	1	Transistor	(BCX71J)		SOT23		
Q714	PQ231 15/1	1	RF-trans	BFP450		SOT343		
Q716	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08		
Q717	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08		
Q801	PQ421 02/1	1	PLL	MB1517		SSOP16		
Q802	NU	1	Not Used					Not mounted
Q803	PQ211 12/1	1	Transistor	(BCX71J)		SOT23		
Q804	PQ211 11/1	1	Transistor	(BCX70J)		SOT23		
Q805	PQ211 12/1	1	Transistor	(BCX71J)		SOT23		
Q806	PQ231 16/1	1	RF-trans	NE85630		SOT323		
Q807	PQ431 12/1	1	MMIC	UPC2709		SOP6		
Q808	PQ431 12/1	1	MMIC	UPC2709		SOP6		
Q811	PQ421 02/1	1	PLL	MB1517		SSOP16		
Q812	NU	1	Not Used					Not mounted
Q813	PQ211 12/1	1	Transistor	(BCX71J)		SOT23		
Q814	PQ211 11/1	1	Transistor	(BCX70J)		SOT23		
Q815	PQ231 16/1	1	RF-trans	NE85630		SOT323		
Q901	PQ452 01/1	1	Low volt. det.	MC33064		S08		
Q902	PQ441 14/1	1	Quad 2-inp XOR	74HC86		S014		
Q903	PQ455 03/1	1	R8485 Transceiver	MAX485		S08		
Q904	PQ454 09/1	1	EEPROM	24C02	256 x 8	S08		
Q905	PQ451 01/2	1	µ-proc	(MC68HC711E20)		PLCC52		
Q911	PQ411 01/1	1	Volt. Reg.	LP2951		S08		
Q912	PQ453 02/1	1	DAC	AD8803		S016		

Product number: K224/1-001		PCB Assy		MRX 18/19 Board			Revision: PAS		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C540	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C541	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C542	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C543	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C544	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C545	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C546	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C547	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C548	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C549	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C550	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C501	NU	1	Not Used					Not mounted	
C602	PC101 375/1M0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C603	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C604	PC101 375/1M0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C605	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C620	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C621	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C622	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C623	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C624	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C625	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C626	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C627	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C628	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		

Product number: K224/1-#01		PCB Assy		MRX 18/19 Board			Revision: PAS		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C629	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C630	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C631	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C632	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C633	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C634	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C635	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C636	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C637	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C640	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C641	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C642	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C643	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C644	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C645	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C646	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C647	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C648	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C649	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C650	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C651	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C652	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C653	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C654	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C655	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		

Product number: K224/1-301

PCB Assy

MRX 18/19 Board

Revision: PAS

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C656	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C657	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C701	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C702	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C703	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C704	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C705	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C706	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C707	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C708	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C714	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C715	PC101 571/100	1	Capacitor cer	100	X7R ±10%	1206	16V		
C716	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C717	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C718	PC101 571/100	1	Capacitor cer	100	X7R ±10%	1206	16V		
C719	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C720	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C721	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C722	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C723	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C724	PC101 670/202	1	Capacitor cer	202	X7R ±10%	1206	10V		
C725	PC101 670/202	1	Capacitor cer	202	X7R ±10%	1206	10V		
C730	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C731	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C732	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		

Product number: K224/1-001		PCB Assy		MRX 18/19 Board			Revision: PA5		
Pcs	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C733	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C734	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C735	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C806	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C807	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C808	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C809	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C810	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C811	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C812	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C814	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C815	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C816	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C817	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C818	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C819	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C820	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C821	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C822	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C823	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C824	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C825	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C831	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C832	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C833	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		

Product number: K224/1-001		PCB Assy		MRX 16/19 Board			Revision: PA5	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
C834	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V	
C835	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V	
C836	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V	
D101	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D102	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D131	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D132	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23		
D201	PQ151 12/1	1	Cap-diode	SMV1104-33	3.3pF	SOD323		
D401	PQ151 11/1	1	Cap-diode	1SV229		SOD323		
D402	PQ151 11/1	1	Cap-diode	1SV229		SOD323		
D701	PQ111 01/1	1	Diode, dual, in series	BAV99		SOT23		
D702	PQ301 01/3	1	LED	LG A670	green	SMD		
D703	PQ301 01/1	1	LED	LS A670	red	SMD		
D704	PQ301 01/1	1	LED	LS A670	red	SMD		
D705	PQ301 01/2	1	LED	LY A670	yellow	SMD		
D706	PQ111 01/1	2	Diode, dual, in series	BAV99		SOT23		
D707	PQ111 01/1	1	Diode, dual, in series	BAV99		SOT23		
L101	FM101 527/56N	1	Inductor	56n	±10%	0805		
L104	FM101 527/56N	1	Inductor	56n	±10%	0805		
L111	FM101 527/56N	1	Inductor	56n	±10%	0805		
L134	FM101 527/56N	1	Inductor	56n	±10%	0805		
L201	FM106 01/4N7	1	Inductor	4.7n	±0.2	0603		
L202	FM106 01/1N5	1	Inductor	1.5n	±0.2	0603		
L203	FM106 01/4N7	1	Inductor	4.7n	±0.2	0603		
L204	FM101 827/1U0	1	Inductor	1u	±10%	1008		

Product number: K224/1-#01		PCB Assy		MRX 18/19 Board			Revision: PAS	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
L206	PM101 527/56N	1	Inductor	56n	±10%	0805		
L207	PM101 527/56N	1	Inductor	56n	±10%	0805		
L208	PM101 527/56N	1	Inductor	56n	±10%	0805		
L301	PM101 527/56N	1	Inductor	56n	±10%	0805		
L302	PM101 527/56N	1	Inductor	56n	±10%	0805		
L303	PM101 825/47N	1	Inductor	47n	±5%	1008		
L304	PM101 825/47N	1	Inductor	47n	±5%	1008		
L305	PM101 825/22N	1	Inductor	22n	±5%	1008		
L306	PM101 825/27N	1	Inductor	27n	±5%	1008		
L307	NU	1	Not Used					Not mounted
L310	NU	1	Not Used					Not mounted
L311	PM101 825/10N	1	Inductor	10n	±5%	1008		
L320	PM101 825/47N	1	Inductor	47n	±5%	1008		
L321	PM101 825/47N	1	Inductor	47n	±5%	1008		
L322	PM101 825/22N	1	Inductor	22n	±5%	1008		
L323	PM101 825/27N	1	Inductor	27n	±5%	1008		
L324	NU	1	Not Used					Not mounted
L401	PM101 825/U10	1	Inductor	100n	±5%	1008		
L402	PM101 825/U22	1	Inductor	220n	±5%	1008		
L403	PM101 825/U22	1	Inductor	220n	±5%	1008		
L410	PM101 825/U22	1	Inductor	220n	±5%	1008		
L411	PM101 825/U22	1	Inductor	220n	±5%	1008		
L412	NU	1	Not Used					Not mounted
L413	PM101 825/U22	1	Inductor	220n	±5%	1008		
L420	PM101 527/U22	1	Inductor	220n	±10%	0805		

Product number: K224/1-01			PCB Assy	MRX 18/19 Board			Revision: PA5		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
L421	PM101 825/47N	1	Inductor	47n	±5%	1008			
L422	PM101 527/U22	1	Inductor	220n	±10%	0805			
L423	PM101 825/10N	1	Inductor	10n	±5%	1008			
L501	NU	1	Not Used					Not mounted	
L502	NU	1	Not Used					Not mounted	
L503	NU	1	Not Used					Not mounted	
L904	PM101 825/U33	1	Inductor	330n	±5%	1008			
L505	PM101 825/U33	1	Inductor	330n	±5%	1008			
F101	PM211 09/1	1	Coax conn	receptacle	SMA, straight,				
F102	PM211 09/1	1	Coax conn	receptacle	SMA, straight,				
F701	PM212 32/1	1	Connector with board-lock	32p M euro B/2				UL 94 V-0	
F702	PM212 25/08	1	Connector	2 x 4p F				UL 94 V-0	
Q101	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08			
Q201	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q202	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q203	PQ422 01/1	2	MIXER GaAs	CMY200		MM6			
Q204	PQ431 02/1	1	PLL	MB1517		SSOP16			
Q305	NU	1	Not Used					Not mounted	
Q306	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q207	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q208	PQ231 16/1	1	RF-trans	NE65630		SOT323			
Q209	PQ431 12/1	1	MMIC, Si	UPC2709		SOP6			
Q301	PQ411 02/1	1	Volt. Reg.	LT1129-5	+6V	S08			
Q302	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q303	PQ231 15/1	1	RF-trans	BFP450		SOT343			

Product number: K224/1-01		PCB Assy		MRK 18/19 Board			Revision: PA5		
Row	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
Q401	PQ422 01/1	1	MIXER GaAs	CHY300		MW6			
Q402	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q403	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q404	PQ421 01/1	1	PLL	MB1511		SSOP20K			
Q405	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q406	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q407	PQ231 12/1	1	RF-trans	BFR105		SOT23			
Q408	PQ431 12/1	1	MMIC, Si	UPC2709		SOP6			
Q501	PQ414 01/1	1	Log. Amplifier	(AD8307AR)		SOP8			
Q502	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	SOP8			
Q601	PQ412 01/1	1	Quad OP	9A5234		SOP8			
Q602	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	SOP8			
Q603	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	SOP8			
Q701	PQ451 02/1	1	µ-proc	HD6413003		QFP112			
Q702	PQ454 11/1	1	EEPROM	24C128	16K x 8	SOP8			
Q703	PQ452 01/1	1	Low volt. det.	MC33064		SOP8			
Q704	PQ455 03/1	1	RS485 Transceiver	MAX485		SOP8			
Q705	PQ441 01/1	1	Quad buffer	74HC125		SOP14			
Q709	PQ429 04/1	1	Volt. converter	LTC1261		SOP8			
Q710	PQ221 13/1	1	Transistor, MOSFET, Dual P-ch	(NDS9947)		SOP8			
Q711	PQ221 13/1	1	Transistor, MOSFET, Dual P-ch	(NDS9947)		SOP8			
Q712	PQ221 12/1	1	Transistor, MOSFET, Dual N-ch	(SI9956DY)		SOP8			
Q713	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q714	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q801	PQ454 06/1	1	PROM OTP	27CE12	64K x 8	PLCC12			

Product number: K224/1-001		PCB Assy		MRX 18/19 Board		Revision: P45	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1 Remark 2
Q802	PQ442 01/1	1	Quad 2-inp AND gate	74VHC09		S014	
Q803	PQ454 14/1	1	SRAM	(KM6164002BTI-20)	256K x 16	44-TSOP 2	
Q804	PQ411 01/1	1	Volt. Reg.	LF2951		S08	
R101	PR603 12/010	1	Resistor	10	±1%	0603	
R102	PR603 12/100	1	Resistor	100	±1%	0603	
R103	PR603 12/068	1	Resistor	68	±1%	0603	
R104	PR603 12/100	1	Resistor	100	±1%	0603	
R105	PR603 12/470	1	Resistor	470	±1%	0603	
R106	PR603 12/470	1	Resistor	470	±1%	0603	
R107	PR603 12/330	1	Resistor	330	±1%	0603	
R108	PR603 12/010	1	Resistor	10	±1%	0603	
R109	PR603 12/560	1	Resistor	560	±1%	0603	
R110	PR603 12/1K0	1	Resistor	1k	±1%	0603	
R111	PR603 12/680	1	Resistor	680	±1%	0603	
R112	PR603 12/10K	1	Resistor	10k	±1%	0603	
R113	PR603 12/10K	1	Resistor	10k	±1%	0603	
R115	PR603 00/0	1	Resistor	0		0603	
R116	PR603 00/0	1	Resistor	0		0603	
R129	PR603 00/0	1	Resistor	0		0603	
R130	PR603 00/0	1	Resistor	0		0603	
R131	PR603 12/010	1	Resistor	10	±1%	0603	
R132	PR603 12/100	1	Resistor	100	±1%	0603	
R133	PR603 12/068	1	Resistor	68	±1%	0603	
R134	PR603 12/100	1	Resistor	100	±1%	0603	
R135	PR603 12/470	1	Resistor	470	±1%	0603	

Product number: K224/1-#01		PCB Assy		MRX 18/19 Board			Revision: PAS	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R136	FR603 12/470	1	Resistor	470	±1%	0603		
R137	FR603 12/330	1	Resistor	330	±1%	0603		
R138	FR603 12/010	1	Resistor	10	±1%	0603		
R139	FR603 12/560	2	Resistor	560	±1%	0603		
R140	FR603 12/1K0	1	Resistor	1k	±1%	0603		
R141	FR603 12/680	1	Resistor	680	±1%	0603		
R142	FR603 12/47K	1	Resistor	47k	±1%	0603		
R143	FR603 12/10K	1	Resistor	10k	±1%	0603		
R144	FR603 12/10K	1	Resistor	10k	±1%	0603		
R201	NU	1	Not Used					Not mounted
R202	NU	1	Not Used					Not mounted
R203	FR603 00/0	1	Resistor	0		0603		
R204	FR603 12/10K	1	Resistor	10k	±1%	0603		
R205	FR603 12/10K	1	Resistor	10k	±1%	0603		
R206	NU	1	Not Used					Not mounted
R207	FR603 00/0	1	Resistor	0		0603		
R208	FR603 00/0	1	Resistor	0		0603		
R209	FR603 12/470	1	Resistor	470	±1%	0603		
R210	FR603 12/3K3	1	Resistor	3.3k	±1%	0603		
R211	FR603 12/033	1	Resistor	33	±1%	0603		
R212	FR603 12/033	1	Resistor	33	±1%	0603		
R213	FR603 12/150	1	Resistor	150	±1%	0603		
R214	FR603 12/068	1	Resistor	68	±1%	0603		
R215	FR603 12/150	1	Resistor	150	±1%	0603		
R216	NU	1	Not Used					Not mounted

Product number: K224/1-001		PCB Assy		MRX 18/19 Board			Revision: RA5	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R220	FR603 12/010	1	Resistor	10	±1%	0603		
R221	FR603 12/150	1	Resistor	150	±1%	0603		
R222	FR603 12/010	1	Resistor	10	±1%	0603		
R223	FR603 12/068	1	Resistor	68	±1%	0603		
R224	FR603 12/180	1	Resistor	180	±1%	0603		
R225	FR603 12/150	1	Resistor	150	±1%	0603		
R226	FR603 12/010	1	Resistor	10	±1%	0603		
R227	FR603 12/100	1	Resistor	100	±1%	0603		
R228	FR306 153/220	1	NTC-res	220	5%	0603		
R229	FR603 12/150	1	Resistor	150	±1%	0603		
R240	FR603 12/22K	1	Resistor	22k	±1%	0603		
R241	FR603 12/22K	1	Resistor	22k	±1%	0603		
R242	FR603 12/22K	1	Resistor	22k	±1%	0603		
R243	FR603 12/22K	1	Resistor	22k	±1%	0603		
R244	FR603 12/010	1	Resistor	10	±1%	0603		
R245	FR603 12/33K	1	Resistor	33k	±1%	0603		
R246	FR603 12/33K	1	Resistor	33k	±1%	0603		
R247	FR603 12/33K	1	Resistor	33k	±1%	0603		
R248	FR603 12/150	1	Resistor	150	±1%	0603		
R249	NU	1	Not Used					Not mounted
R250	FR603 12/220	1	Resistor	220	±1%	0603		
R251	NU	1	Not Used					Not mounted
R252	NU	1	Not Used					Not mounted
R253	FR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R254	FR603 12/1M0	1	Resistor	1M	±1%	0603		

Product number: K224/1-#01		PCB Assy		NRX 16/19 Board			Revision: PA5		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R255	NU	1	Not Used						Not mounted
R256	NU	1	Not Used						Not mounted
R257	FR603 12/470	1	Resistor	470	±1%	0603			
R258	FR603 12/1M0	1	Resistor	1M	±1%	0603			
R259	FR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R260	FR603 12/33K	1	Resistor	33k	±1%	0603			
R261	FR603 12/33K	1	Resistor	33k	±1%	0603			
R262	FR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R270	FR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R271	FR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R272	FR603 12/1K0	1	Resistor	1k	±1%	0603			
R273	FR603 12/047	1	Resistor	47	±1%	0603			
R274	FR603 12/047	1	Resistor	47	±1%	0603			
R275	FR603 12/100	1	Resistor	100	±1%	0603			
R276	FR603 12/010	1	Resistor	10	±1%	0603			
R301	FR603 12/47K	1	Resistor	47k	±1%	0603			
R310	FR603 12/470	1	Resistor	470	±1%	0603			
R311	FR603 12/010	1	Resistor	10	±1%	0603			
R312	FR603 12/470	1	Resistor	470	±1%	0603			
R320	NU	1	Not Used						Not mounted
R321	FR603 00/0	1	Resistor	0		0603			
R322	FR603 00/FS	1	Resistor	FS		0603			Factory Set value
R323	FR603 00/FS	1	Resistor	FS		0603			Factory Set value
R324	NU	1	Not Used						Not mounted
R325	FR603 12/1K0	1	Resistor	1k	±1%	0603			

Product number: K224/1-01		PCB Assy		MRX 18/19 Board			Revision: PA5	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R326	PR603 12/222	1	Resistor	2.2k	±1%	0603		
R327	PR603 12/330	1	Resistor	330	±1%	0603		
R328	PR603 12/680	1	Resistor	680	±1%	0603		
R329	PR603 12/330	1	Resistor	330	±1%	0603		
R330	PR603 12/100	1	Resistor	100	±1%	0603		
R331	PR603 00/0	1	Resistor	0		0608		
R332	PR603 12/033	1	Resistor	33	±1%	0603		
R333	PR603 54/427	1	Resistor	4.7	±5%	0603		
R334	PR603 12/047	1	Resistor	47	±1%	0603		
R335	PR603 54/680	1	Resistor	6.8	±5%	0603		
R336	PR603 12/470	1	Resistor	470	±1%	0603		
R350	PR603 12/220	1	Resistor	220	±1%	0603		
R351	PR603 12/033	1	Resistor	33	±1%	0603		
R352	PR603 12/220	1	Resistor	220	±1%	0603		
R401	PR603 12/010	1	Resistor	10	±1%	0603		
R402	PR603 12/010	1	Resistor	10	±1%	0603		
R403	PR603 12/068	1	Resistor	68	±1%	0603		
R404	PR603 12/150	1	Resistor	150	±1%	0603		
R405	PR603 12/150	1	Resistor	150	±1%	0603		
R406	PR603 12/010	1	Resistor	10	±1%	0603		
R407	PR603 12/068	1	Resistor	68	±1%	0603		
R408	PR603 12/100	1	Resistor	100	±1%	0603		
R409	PR306 163/220	1	NTC-res	220	5%	0603		
R410	PR603 12/150	1	Resistor	150	±1%	0603		
R420	PR603 00/FS	1	Resistor	FS		0603	Factory Set value	

Product number: R224/1-#01		PCB Assy		MRX 18/19 Board			Revision: RA5		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R421	PR603 00/PS	1	Resistor	PS		0603			Factory Set value
R422	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R423	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R424	PR603 12/330	1	Resistor	330	±1%	0603			
R425	PR603 12/680	1	Resistor	680	±1%	0603			
R426	PR603 12/330	1	Resistor	330	±1%	0603			
R427	PR603 12/100	1	Resistor	100	±1%	0603			
R428	PR603 00/0	1	Resistor	0		0603			
R429	PR603 12/033	1	Resistor	33	±1%	0603			
R430	PR603 12/010	1	Resistor	10	±1%	0603			
R431	PR603 12/033	1	Resistor	33	±1%	0603			
R432	PR603 12/010	1	Resistor	10	±1%	0603			
R433	PR603 12/470	1	Resistor	470	±1%	0603			
R434	NU	1	Not Used						Not mounted
R435	PR603 00/0	1	Resistor	0		0603			
R436	NU	1	Not Used						Not mounted
R437	PR603 12/10K	1	Resistor	10k	±1%	0603			
R438	PR603 12/22K	1	Resistor	22k	±1%	0603			
R439	PR603 12/22R	1	Resistor	22k	±1%	0603			
R440	PR603 12/22K	1	Resistor	22k	±1%	0603			
R441	PR603 12/010	1	Resistor	10	±1%	0603			
R442	NU	1	Not Used						Not mounted
R443	NU	1	Not Used						Not mounted
R444	NU	1	Not Used						Not mounted
R445	PR603 12/010	1	Resistor	10	±1%	0603			

Product number: K224/1-001		PCB Assy		MRX 18/19 Board			Revision: PAS		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R446	PR603 12/047	1	Resistor	47	±1%	0603			
R447	NU	1	Not Used					Not mounted	
R448	PR603 12/150	1	Resistor	150	±1%	0603			
R449	PR603 12/1M0	1	Resistor	1M	±1%	0603			
R450	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R451	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R452	PR603 12/33K	1	Resistor	33k	±1%	0603			
R453	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R454	PR603 12/33K	1	Resistor	33k	±1%	0603			
R460	PR603 12/M10	1	Resistor	100k	±1%	0603			
R461	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R462	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R463	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R464	PR603 12/047	1	Resistor	47	±1%	0603			
R465	PR603 12/047	1	Resistor	47	±1%	0603			
R466	PR603 12/220	1	Resistor	220	±1%	0603			
R467	PR603 12/100	1	Resistor	100	±1%	0603			
R468	PR603 12/D10	1	Resistor	10	±1%	0603			
R501	NU	1	Not Used					Not mounted	
R502	PR603 12/150	1	Resistor	150	±1%	0603			
R503	NU	1	Not Used					Not mounted	
R504	NU	1	Not Used					Not mounted	
R505	PR603 12/150	1	Resistor	150	±1%	0603			
R506	NU	1	Not Used					Not mounted	
R507	PR603 00/0	1	Resistor	0		0603			

Product number: K224/1-#01

PCB Assy

MRX 18/19 Board

Revision: PA5

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R508	PR503 12/M10	1	Resistor	100k	±1%	0603			
R509	NU	1	Not Used					Not mounted	
R519	PR306 1S3/1K0	1	NTC-res	1K	5%	0603			
R524	PR503 12/1K0	1	Resistor	1k	±1%	0603			
R531	PR503 12/010	1	Resistor	10	±1%	0603			
R541	PR503 12/47K	1	Resistor	47k	±1%	0603			
R601	PR503 12/10K	1	Resistor	10k	±1%	0603			
R602	NU	1	Not Used					Not mounted	
R603	PR503 12/10K	1	Resistor	10k	±1%	0603			
R604	PR503 12/33K	1	Resistor	33k	±1%	0603			
R605	PR503 12/10K	1	Resistor	10k	±1%	0603			
R606	PR503 12/10K	1	Resistor	10k	±1%	0603			
R607	PR503 12/10K	1	Resistor	10k	±1%	0603			
R608	NU	1	Not Used					Not mounted	
R609	NU	1	Not Used					Not mounted	
R610	PR503 12/M10	1	Resistor	100k	±1%	0603			
R611	PR503 12/M10	1	Resistor	100k	±1%	0603			
R612	PR503 12/10K	1	Resistor	10k	±1%	0603			
R613	PR503 12/10K	1	Resistor	10k	±1%	0603			
R614	PR503 12/1K0	1	Resistor	1k	±1%	0603			
R615	PR503 12/1K0	1	Resistor	1k	±1%	0603			
R621	PR503 12/010	1	Resistor	10	±1%	0603			
R622	PR503 12/47K	1	Resistor	47k	±1%	0603			
R623	PR503 12/1K0	1	Resistor	1k	±1%	0603			
R701	PR503 12/10K	1	Resistor	10k	±1%	0603			

Product number: K224/1-401		PCB Assy		NRX 18/19 Board			Revision: PAS	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R702	FR603 12/10K	1	Resistor	10k	±1%	0603		
R703	FR603 12/10K	1	Resistor	10k	±1%	0603		
R704	FR603 12/1K0	1	Resistor	1K	±1%	0603		
R705	FR603 12/10K	1	Resistor	10k	±1%	0603		
R706	FR603 12/1K0	1	Resistor	1k	±1%	0603		
R707	FR603 12/470	1	Resistor	470	±1%	0603		
R708	FR603 12/10K	1	Resistor	10k	±1%	0603		
R709	FR603 12/1K0	1	Resistor	1k	±1%	0603		
R710	FR603 12/10K	1	Resistor	10k	±1%	0603		
R711	FR603 12/10K	1	Resistor	10k	±1%	0603		
R712	FR603 12/10K	1	Resistor	10k	±1%	0603		
R713	FR603 12/100	1	Resistor	100	±1%	0603		
R714	FR603 12/100	1	Resistor	100	±1%	0603		
R715	FR603 12/220	1	Resistor	220	±1%	0603		
R716	FR603 12/470	1	Resistor	470	±1%	0603		
R717	FR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R718	FR603 12/10K	1	Resistor	10k	±1%	0603		
R719	FR603 12/10K	1	Resistor	10k	±1%	0603		
R720	FR603 12/10K	1	Resistor	10k	±1%	0603		
R721	FR603 12/10K	1	Resistor	10k	±1%	0603		
R722	FR603 12/10K	1	Resistor	10k	±1%	0603		
R723	FR603 12/10K	1	Resistor	10k	±1%	0603		
R724	FR603 12/10K	1	Resistor	10k	±1%	0603		
R725	FR603 12/10K	1	Resistor	10k	±1%	0603		
R726	FR603 12/10K	1	Resistor	10k	±1%	0603		

Product number: K224/1-#01		PCB Assy		MRX 16/19 Board			Revision: PAS	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R727	PR603 12/10K	1	Resistor	10k	±1%	0603		
R728	PR603 12/10K	1	Resistor	10k	±1%	0603		
R729	PR603 12/10K	1	Resistor	10k	±1%	0603		
R730	PR603 12/10K	1	Resistor	10k	±1%	0603		
R731	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R732	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R733	PR603 12/10K	1	Resistor	10k	±1%	0603		
R734	PR603 12/10K	1	Resistor	10k	±1%	0603		
R735	PR603 12/10K	1	Resistor	10k	±1%	0603		
R736	PR603 12/10K	1	Resistor	10k	±1%	0603		
R737	PR603 12/10K	1	Resistor	10k	±1%	0603		
R738	PR603 12/10K	1	Resistor	10k	±1%	0603		
R739	PR603 12/10K	1	Resistor	10k	±1%	0603		
R740	PR603 12/10K	1	Resistor	10k	±1%	0603		
R741	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R742	PR603 12/10K	1	Resistor	10k	±1%	0603		
R743	PR603 12/10K	1	Resistor	10k	±1%	0603		
R744	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R745	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R746	PR603 12/10K	1	Resistor	10k	±1%	0603		
R747	PR603 12/10K	1	Resistor	10k	±1%	0603		
R748	PR603 12/10K	1	Resistor	10k	±1%	0603		
R749	PR603 12/10K	1	Resistor	10k	±1%	0603		
R751	PR603 12/10K	1	Resistor	10k	±1%	0603		
R752	PR603 12/M10	1	Resistor	100k	±1%	0603		

Product number: K224/1-01		PCB Assy		MRX 18/19 Board			Revision: PA5		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R753	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R754	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R755	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R756	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R757	PR603 12/10K	1	Resistor	10k	±1%	0603			
R758	NU	1	Not Used					Not mounted	
R759	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R760	PR603 12/10K	1	Resistor	10k	±1%	0603			
R761	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R762	PR603 12/047	1	Resistor	47	±1%	0603			
R763	PR603 12/047	1	Resistor	47	±1%	0603			
R764	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R765	PR603 12/047	1	Resistor	47	±1%	0603			
R766	PR603 12/047	1	Resistor	47	±1%	0603			
R767	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R768	PR603 12/10K	1	Resistor	10k	±1%	0603			
R769	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R770	PR603 12/047	1	Resistor	47	±1%	0603			
R771	PR603 12/10K	1	Resistor	10k	±1%	0603			
R772	PR603 12/10K	1	Resistor	10k	±1%	0603			
R773	PR603 12/10K	1	Resistor	10k	±1%	0603			
R774	PR603 12/10K	1	Resistor	10k	±1%	0603			
R775	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R776	PR603 12/10K	1	Resistor	10k	±1%	0603			
R777	PR603 12/10K	1	Resistor	10k	±1%	0603			

Product number: K224/1-301		PCB Assy		MRX 18/19 Board			Revision: PA5	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R778	FR603 12/10K	1	Resistor	10k	±1%	0603		
R779	FR603 12/10K	1	Resistor	10k	±1%	0603		
R780	FR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R781	FR603 12/10K	1	Resistor	10k	±1%	0603		
R782	FR603 12/10K	1	Resistor	10k	±1%	0603		
R783	FR603 12/047	1	Resistor	47	±1%	0603		
R784	FR603 12/1K0	1	Resistor	1k	±1%	0603		
R785	FR603 00/0	1	Resistor	0		0603		
R786	FR603 12/10K	1	Resistor	10k	±1%	0603		
R787	FR603 12/10K	1	Resistor	10k	±1%	0603		
R807	MU	1	Not Used					Not mounted
R808	MU	1	Not Used					Not mounted
R809	MU	1	Not Used					Not mounted
R810	MU	1	Not Used					Not mounted
R811	FR603 12/1K0	1	Resistor	1k	±1%	0603		
R812	FR603 12/1K0	1	Resistor	1k	±1%	0603		
R813	FR603 12/1K0	1	Resistor	1k	±1%	0603		
R814	FR603 12/1K0	1	Resistor	1k	±1%	0603		
R815	FR603 12/1K0	1	Resistor	1k	±1%	0603		
R816	FR603 12/1K0	1	Resistor	1k	±1%	0603		
R817	FR603 12/1K0	1	Resistor	1k	±1%	0603		
R818	FR603 12/1K0	1	Resistor	1k	±1%	0603		
R821	FR603 12/10K	1	Resistor	10k	±1%	0603		
R822	FR603 12/10K	1	Resistor	10k	±1%	0603		
R824	FR603 12/330	1	Resistor	330	±1%	0603		

Product number: K116/5-301 PCB Assy 115VAC/13VDC

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C101	NU	1	Not Used					Not mounted	
C102	NU	1	Not Used					Not mounted	
C103	NU	1	Not Used					Not mounted	
C104	NU	1	Not Used					Not mounted	
C105	NU	1	Not Used					Not mounted	
C106	PC501 01/1	1	X2 cap	1u			250V		
C107	NU	1	Not Used					Not mounted	
C108	PC101 315/W10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C109	PC101 315/W22	1	Capacitor cer	220p	NPO ±5%	0603	50V		
C110	PC101 375/10M	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C111	PC501 04/1	1	Y2 cap	4.7n			250V		
C112	PC501 04/1	1	Y2 cap	4.7n			250V		
C113	PC101 775/022	1	Capacitor cer	220n	X7R ±10%	1210	50V		
C114	PC101 375/10M	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C115	NU	1	Not Used					Not mounted	
C116	NU	1	Not Used					Not mounted	
C117	NU	1	Not Used					Not mounted	
C118	PC101 315/W22	1	Capacitor cer	220p	NPO ±5%	0603	50V		
C119	NU	1	Not Used					Not mounted	
C120	NU	1	Not Used					Not mounted	
C121	PC101 671/100	1	Capacitor cer	100	X7R ±10%	1206	16V		
C122	NU	1	Not Used					Not mounted	
C123	NU	1	Not Used					Not mounted	
C124	PC511 02/1	1	Electrolyt cap	1500u		V35 x 50 4M	200V		
C125	PC512 02/1	1	Electrolyt cap	56u		V6 x 11 1M	35V		

Product number: K116/5-301

PCB Assy 115VAC/13VDC

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C126	NU	1	Not Used						Not mounted
C202	PC101 775/U22	1	Capacitor cer	220n	X7R ±10%	1210	50V		
C204	PC501 04/1	1	Y2 cap	4.7n			250V		
C205	PC301 35/D10U	1	Tantal cap	10u	±20%	7343	35V		
C206	NU	1	Not Used						Not mounted
C207	NU	1	Not Used						Not mounted
C208	PC101 677/10N	1	Capacitor cer	10n	X7R ±10%	1206	200V		
C209	NU	1	Not Used						Not mounted
C211	NU	1	Not Used						Not mounted
C212	PC101 677/10N	1	Capacitor cer	10n	X7R ±10%	1206	200V		
C213	NU	1	Not Used						Not mounted
C214	NU	1	Not Used						Not mounted
C215	PC512 01/1	1	Electrolyt cap	3300u		¥18 x 40	3M 35V		
C216	PC512 01/1	1	Electrolyt cap	3300u		¥18 x 40	3M 35V		
C217	PC512 01/1	1	Electrolyt cap	3300u		¥18 x 40	3M 35V		
C218	PC512 01/1	1	Electrolyt cap	3300u		¥18 x 40	3M 35V		
C219	PC512 01/1	1	Electrolyt cap	3300u		¥18 x 40	3M 35V		
C220	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C221	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C222	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C223	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C224	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C225	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C226	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C227	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		

Product number: K116/5-301 PCB Assy 115VAC/13VDC

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C228	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C229	PC501 03/1	1	X2 cap	0.47u			250V		
C230	PC512 01/1	1	Electrolyt cap	3300u		V18 x 40	3M 35V		
D101	NU	1	Not Used					Not mounted	
D102	NU	1	Not Used					Not mounted	
D103	NU	1	Not Used					Not mounted	
D104	NU	1	Not Used					Not mounted	
D105	PQ161 10/1	1	Diode bridge	(KBU8K)	8A	23x7 mm (SINGLE)	800V		
D106	NU	1	Not Used					Not mounted	
D107	PQ161 02/1	1	Diode	(MURS120T3)	1A	SMB	200V		
D108	NU	1	Not Used					Not mounted	
D109	PQ131 15/15V	1	Zener diode	BZX94-C15	15%	SOT23			
D201	NU	1	Not Used					Not mounted	
D202	PQ161 04/1	1	Diode	(BYV96E)	1.5A	SOD57	1000V		
D203	PQ161 02/1	1	Diode	(MURS120T3)	1A	SMB	200V		
D204	PQ161 02/1	1	Diode	(MURS120T3)	1A	SMB	200V		
D205	PQ161 02/1	1	Diode	(MURS120T3)	1A	SMB	200V		
D206	PQ161 11/1	1	Diode, dual, ultra fast recov.	(RURG3020CC)	2 X 30A	TO-247AD	200V		
D207	PQ161 08/1	1	Schottky diode, dual	(40CPQ060)	2 X 20A	TO-247AD	60V		
D208	NU	1	Not Used					Not mounted	
D209	PQ161 02/1	1	Diode	(MURS120T3)	1A	SMB	200V		
D210	NU	1	Not Used					Not mounted	
D211	PQ161 02/1	1	Diode	(MURS120T3)	1A	SMB	200V		
D213	PQ301 03/1	1	LED	LY 5360	yellow	¥5 1M			
D214	PQ161 02/1	1	Diode	(MURS120T3)	1A	SMB	200V		

Product number: K116/5-301 PCB Assy 115VAC/13VDC

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
D215	PQ133 15/15V	1	Zener diode	(1SMA5929BT3)	15V	SMA			
D217	PQ131 15/4V7	1	Zener diode	B2X84-C4V7	15V	SOT23			
D218	PQ161 02/1	1	Diode	(MURS120T3)	1A	SMB	200V		
F101	FM204 06/400	1	Fuse		4AT	5 x 20	1EC12		
L101	VE001 03/1	1	Inductor	100 uH				Custom design	
L102	VE001 03/1	1	Inductor	100 uH				Custom design	
L103	NU	1	Not Used					Not mounted	
L201	VE001 09/1	1	Inductor	510H/120H					
L202	VE001 06/1	1	Inductor	10 uH				Custom design	
L203	VE001 06/1	1	Inductor	10 uH				Custom design	
P101	PM212 08/1	1	Connector	1p M		6,3 x 0,8			
P102	PM212 08/1	1	Connector	1p M		6,3 x 0,8			
P103	PM212 08/1	1	Connector	1p M		6,3 x 0,8			
P104	PM212 08/1	1	Connector	1p M		6,3 x 0,8			
P201	PM212 11/08	1	Connector	2 x 4p M					
P202	PM212 11/10	1	Connector	2 x 5p M					
Q101	NU	1	Not Used					Not mounted	
Q102	PQ351 01/1	1	Optocoupler	CNY17-2		"DIL6"			
Q105	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q106	PQ351 01/1	1	Optocoupler	CNY17-2		"DIL6"			
Q107	PQ411 05/1	1	Volt. Reg.	(TL431)		S08			
Q108	NU	1	Not Used					Not mounted	
Q109	PQ424 01/1	1	Reg. SMPS	UCC2804		S08			
Q110	NU	1	Not Used					Not mounted	
Q111	NU	1	Not Used					Not mounted	

Product number: K116/S-301

PCB Assy 115VAC/13VDC

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
Q112	PQ221 11/1	1	Transistor, MOSFET, N-ch	(1RFP450)		TO-247			
Q201	PQ411 04/1	1	Volt. Reg.	7815	+15V	T0220			
R101	NU	1	Not Used					Not mounted	
R102	NU	1	Not Used					Not mounted	
R103	NU	1	Not Used					Not mounted	
R104	NU	1	Not Used					Not mounted	
R105	NU	1	Not Used					Not mounted	
R106	NU	1	Not Used					Not mounted	
R107	NU	1	Not Used					Not mounted	
R108	PR603 12/470	1	Resistor	470	±1%	0603			
R109	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R110	PR603 12/1K2	1	Resistor	1.2k	±1%	0603			
R111	PR351 01/1K0	1	Potentiometer	1k	(ST-4B)	340			
R112	PR206 11/M18	1	Resistor	180k	±1%	1206	200V		
R113	PR206 11/M18	1	Resistor	180k	±1%	1206	200V		
R114	NU	1	Not Used					Not mounted	
R115	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R116	PR603 12/47K	1	Resistor	47k	±1%	0603			
R117	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R118	NU	1	Not Used					Not mounted	
R119	NU	1	Not Used					Not mounted	
R120	PR603 12/470	1	Resistor	470	±1%	0603			
R121	PR603 12/M33	1	Resistor	330k	±1%	0603			
R122	NU	1	Not Used					Not mounted	
R123	PR603 12/27K	1	Resistor	27k	±1%	0603			

Product number: K116/5-301

PCB Assy 115VAC/13VDC

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R124	PR603 12/390	1	Resistor	390	±1%	0603			
R125	NU	1	Not Used						Not mounted
R126	PR603 12/M10	1	Resistor	100k	±1%	0603			
R127	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R128	PR603 12/M10	1	Resistor	100k	±1%	0603			
R129	PR351 01/10K	1	Potentiometer	10k	(ST-4B)	SMD			
R130	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R131	PR901 01/8R2	1	Resistor 7W	8R2	±5%	Y7 x 25	7W		
R132	NU	1	Not Used						Not mounted
R133	NU	1	Not Used						Not mounted
R134	PR603 12/470	1	Resistor	470	±1%	0603			
R135	NU	1	Not Used						Not mounted
R136	NU	1	Not Used						Not mounted
R137	NU	1	Not Used						Not mounted
R138	NU	1	Not Used						Not mounted
R139	NU	1	Not Used						Not mounted
R140	NU	1	Not Used						Not mounted
R141	NU	1	Not Used						Not mounted
R142	NU	1	Not Used						Not mounted
R143	PR603 12/033	1	Resistor	33	±1%	0603			
R144	PR603 54/4R7	1	Resistor	4.7	±5%	0603			
R145	NU	1	Not Used						Not mounted
R146	NU	1	Not Used						Not mounted
R147	NU	1	Not Used						Not mounted
R148	NU	1	Not Used						Not mounted

Product number: K116/5-301

PCB Assy 115VAC/13VDC

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R149	NU	1	Not Used						Not mounted
R150	PR901 07/R47	1	Resistor MF	0R47	±5%	V6 x 15,5	3W		
R151	PR901 07/R47	1	Resistor MF	0R47	±5%	V6 x 15,5	3W		
R152	PR206 11/56K	1	Resistor	56K	±1%	1206	200V		
R153	PR206 11/47K	1	Resistor	47K	±1%	1206	200V		
R154	PR206 11/47K	1	Resistor	47K	±1%	1206	200V		
R155	PR603 12/22K	1	Resistor	22k	±1%	0603			
R156	NU	1	Not Used						Not mounted
R157	PR301 175/10K	1	NTC-res	10k	±10%	0605			
R158	PR603 12/10K	1	Resistor	10k	±1%	0603			
R159	PR603 12/100	1	Resistor	100	±1%	0603			
R202	PR603 12/150	1	Resistor	150	±1%	0603			
R203	NU	1	Not Used						Not mounted
R204	NU	1	Not Used						Not mounted
R205	NU	1	Not Used						Not mounted
R206	NU	1	Not Used						Not mounted
R207	NU	1	Not Used						Not mounted
R208	PR206 11/6K8	1	Resistor	6k8	±1%	1206	200V		
R209	PR206 11/6K8	1	Resistor	6k8	±1%	1206	200V		
R210	PR206 11/6K8	1	Resistor	6k8	±1%	1206	200V		
R211	PR603 12/150	1	Resistor	150	±1%	0603			
R212	PR206 11/6K8	1	Resistor	6k8	±1%	1206	200V		
R213	PR206 11/6K8	1	Resistor	6k8	±1%	1206	200V		
R214	NU	1	Not Used						Not mounted
R215	PR206 11/6K8	1	Resistor	6k8	±1%	1206	200V		

Product number: K116/5-301 PCB Assy 115VAC/13VDC

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R216	NU	1	Not Used					Not mounted	
R217	NU	1	Not Used					Not mounted	
R218	NU	1	Not Used					Not mounted	
R219	NU	1	Not Used					Not mounted	
R220	PR206 11/470	1	Resistor	470	±1%	1206	200V		
R221	PR206 11/470	1	Resistor	470	±1%	1206	200V		
R222	PR206 11/470	1	Resistor	470	±1%	1206	200V		
R223	PR206 11/470	1	Resistor	470	±1%	1206	200V		
R224	PR603 12/150	1	Resistor	150	±1%	0603			
R225	PR603 12/150	1	Resistor	150	±1%	0603			
R226	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R227	PR206 11/1K8	1	Resistor	1k8	±1%	1206	200V		
R228	PR206 11/1K8	1	Resistor	1k8	±1%	1206	200V		
R229	PR206 11/1K8	1	Resistor	1k8	±1%	1206	200V		
R230	PR206 11/1K8	1	Resistor	1k8	±1%	1206	200V		
T201	VE802 07/1	1	Transformer						
W01	M116	1	PC Board	AC PSU	7/10			Custom design	
W02	VD101 31/2	1	Cooling body						
W03	BLANK	1	Blank						Cu Wire
W04	BLANK	1	Blank						Cu Wire
W05	BLANK	1	Blank						Cu Wire
W06	VD201 89/1	1	Cooling body						
W07	NU	1	Not Used					Not mounted	
W08	PM204 02/2	1	Fuse holder						
W09	PM291 07/1	1	Heat transfer washer			T0220			

Product number: K116/5-301 PCB Assy 115VAC/13VDC

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
N20	VD102 01/1	1	Spring						Custom design
N21	VD201 90/1	1	Spring						
N22	VD201 90/1	1	Spring						
N23	PM291 04/1	1	Silicon pad			T0-247			
N24	PM291 04/1	1	Silicon pad			T0-247			
N25	PV101 03/06	1	Screw	M3 x 6					
N26	PV201 01/3	1	Washer	M3					
N27	PV251 02/3	1	Nut	M3					
N28	NU	1	Not Used						Not mounted
N29	NU	1	Not Used						Not mounted
N30	NU	1	Not Used						Not mounted
N31	PV101 03/12	1	Screw	M3 x 12					
N32	PV203 01/3	1	Washer	M3					
N33	PV251 02/3	1	Nut	M3					
N34	PV901 17/1	1	Label	29x8-W					
N35	PV101 04/08	1	Screw	M4 x 8					
N36	PV201 01/4	1	Washer	M4					
N37	PV101 04/08	1	Screw	M4 x 8					
N38	PV201 01/4	1	Washer	M4					
N39	PV101 04/08	1	Screw	M4 x 8					
N40	PV201 01/4	1	Washer	M4					
N41	BLANK	1	Blank						Cu Wire
N50	PM291 04/3	1	Silicon pad			30x35x0.5mm			
X101	PM215 01/1	1	Relay	M15	8A			12VDC	

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Product number: K116/5-301 PCB Assy 115VAC/13VDC

Revision: A

Part number	Qty	Description	Value 1	Value 2 Manufacturer	Value 3	Value 4 Man part no	Remark 1	Remark
BLANK	4	Blank						
M116	1	PC Board	AC PSU 7/10				Custom design	-201
NU	76	Not Used					Not mounted	
PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
				Siemens Kyocera Murata Syfer Technology Ltd		B37930 63V 100PF±5% CM105 NPO 101J 50AT GRM39 NPO 100PF±5% 50V 0603J 050 0101JCT		
PC101 315/N22	2	Capacitor cer	220p	NPO ±5%	0603	50V		
				Siemens Kyocera Murata Syfer Technology Ltd		B37930 63V 220PF±5% CM105 NPO 221J 50AT GRM39 NPO 220PF±5% 50V 0603J 050 0221JCT		
PC101 375/10N	2	Capacitor cer	10n	X7R ±5%	0603	50V		
				Siemens Kyocera Murata Syfer Technology Ltd		B37931 63V 10NF±10% CM105 X7R 103K 50AT GRM39 X7R 10NF±10% 50V 0603J 050 0103KXT		
PC101 575/47N	9	Capacitor cer	47n	X7R ±10%	0805	50V		
				Kyocera Murata Taiyo Yuden Co., Ltd Syfer Technology Ltd		CM21 X7R 473K 50AT GRM40 X7R 47NF±10% 50V UMK212 BJ473KG-T 0805J 050 0473KXT		
PC101 671/100	1	Capacitor cer	100	X7R ±10%	1206	16V		
				Taiyo Yuden Co., Ltd Taiyo Yuden Co., Ltd Murata		EMK316 BJ105KF-T EMK316 BJ105KL-T GRM42-6 X7R 105K 16PT		
PC101 677/10N	2	Capacitor cer	10n	X7R ±10%	1206	200V		
				Murata Syfer Technology Ltd		GRM42-6 X7R 10NF±10% 200V 1206J 200 0103KXT		
PC101 775/022	2	Capacitor cer	220n	X7R ±10%	1210	50V		

Product number: K116/5-301 PCB Assy 115VAC/13VDC

Revision: A

Part number	Qty	Description	Value 1	Value 2 Manufacturer	Value 3	Value 4 Man part no	Remark 1	Remark
PC301 35/D100	1	Tantal cap	10u	Kyocera Murata Syfer Technology Ltd	7343	CM32 X7R 224K 50AT GM42-2 X7R 220NF10% 50V 1210J 050 0224KXT		
PC501 01/1	1	X2 cap	1u	KEWET Electronics Corp Matsuo Electric Co Ltd		T494D106M035AS 267H 3502 106MRD3		
PC501 03/1	1	X2 cap	0.47u	Siemens RIFA-EVOX		B81121-C-B132 PHE 830MF7100M		
PC501 04/1	3	Y2 cap	4.7n	Siemens RIFA-EVOX Phillips		B81133-D1474-M PHE 830MD6470M 2222 336 20474		
PC511 02/1	1	Electrolyt cap	1500u	Wima RIFA-EVOX	Y35 x 50 4M	MP 3-Y2, 4.7MF 250V PHE 271Y447M		
PC512 01/1	6	Electrolyt cap	3300u	Nichicon Rubycon Corp.	#18 x 40 3H	LGX 2D152MHSC 20GVXP1500M050		
PC512 02/1	1	Electrolyt cap	56u	ELNA ELNA Nichicon	#6 x 11 1M	RJH-35V332MK9 RSH-35V332MA86 UPL1V332MH8		
PC512 02/1	1	Electrolyt cap	56u	ELNA ELNA Nichicon	#6 x 11 1M	RJH-35V560MF3 RSH-35V560MA31 UPL1V560MH8		
PN204 02/2	1	Fuse holder		Schurter AG		OGN 0031.8201		
PN204 06/400	1	Fuse		4AT Schurter AG	5 x 20	IEC127-2/5 SPT 0001.2510		

Product number: K116/9-301

PCB Assy 115VAC/13VDC

Revision: A

Part number	Qty	Description	Value 1	Value 2 Manufacturer	Value 3	Value 4 Man part no	Remark 1	Remark
				Bussmann Wickmann-Werke GmbH Littelfuse B.V.		S505 4A 19181, 4A 215004.		
FW212 08/1	4	Connector	1p N		6,3 x 0,8			
				AMP Inc. AMP Inc.		394705 726386-2		
FW212 11/08	1	Connector	2 x 4p N					
				Holex		39-28-8080		
FW212 11/10	1	Connector	2 x 5p N					
				Holex		39-28-8100		
FW215 01/1	1	Relay	M15	6A		12VDC		
				FEME		M15MAN001012VDC		
FW291 04/1	2	Silicon pad			T0-247			
				The Bergquist Company		3223-07FR-104		
FW291 04/3	1	Silicon pad			30X35X0.5mm			
				Warth International Ltd		THER-05-NA-718		
FW291 07/1	1	Heat transfer washer			T0220			
				Jermyn Warth International Ltd		J26-1220 ZAD-30-755		
FQ131 15/15V	1	Zener diode	BZX84-C15	15V	SOT23			
				Motorola Semiconductor Philips		BZX84-C15 BZX84-C15		
FQ131 15/4V7	1	Zener diode	BZX84-C4V7	15V	SOT23			
				Motorola Semiconductor Philips		BZX84-C4V7 BZX84-C4V7		
FQ133 15/15V	1	Zener diode	(1SMA5929BT3)	16V	SMA			
				Philips SGS-Thomson Motorola Semiconductor		BZG03-C15 SM2215 1SMA5929BT3		

Product number: K116/5-301

PCB Assy 115VAC/13VEC

Revision: A

Part number	Qty	Description	Value 1	Value 2 Manufacturer	Value 3	Value 4 Man part no	Remark 1	Remark
PQ161 02/1	8	Diode	(MURS120T3)	1A	SMB	200V		
				General Semiconductor (GI) Motorola Semiconductor SGS-Thomson SGS-Thomson		ES2D MURS120T3 SMBYN01-200 SMBYN02-200		
PQ161 04/1	1	Diode	(BYV96E)	1.5A	90D57	1000V		
				Philips Motorola Semiconductor		BYV96E MUR1100E		
PQ161 08/1	1	Schottky diode, dual	(40CPQ060)	2 X 20A	TO-247AD	60V		
				General Semiconductor (GI) IR		MBR1060PT 40CPQ060		
PQ161 10/1	1	Diode bridge	(KB08K)	8A	23x7 mm (SINGLE)	800V		
				Diotec General Semiconductor (GI) Lite-On Power Semiconductor Lite-On Power Semiconductor		KB08K KB08K PBU1006 PBU806		
PQ161 11/1	1	Diode, dual, ultra fast recov.	(RURG3020CC)	2 X 30A	TO-247AD	200V		
				IXYS Corp Harris Semiconductor		DSEK 60-02A RURG3020CC		
PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
				Motorola Semiconductor Siemens Philips		BCX70J BCX70J BCX70J alt. PABT3904		
PQ221 11/1	1	Transistor, MOSFET, N-ch	(IRFP450)		TO-247			
				Harris Semiconductor IR Motorola Semiconductor SGS-Thomson		IRFP450 IRFP450 MTW14N50E STW15NA50		
PQ301 03/1	1	LED	LY 5360	yellow	Y5 1W			
				Siemens		LY 5360-HL		
PQ351 01/1	2	Optocoupler	CNY17-2		*DIL6*			
				Siemens		CNY17-2 Opt 6		

Product number: K116/S-301 PCB Assy 115VAC/13VDC

Revision: A

Part number	Qty	Description	Value 1	Value 2 Manufacturer	Value 3	Value 4 Man part no	Remark 1	Remark
				Motorola Semiconductor		CNY17-2T		
PQ411 04/1	1	Volt. Reg.	7815	+15V	70220			
				NS Motorola Semiconductor		LM78M15CT MC78M15CT		
PQ411 05/1	1	volt. Reg.	(TL431)		S08			
				NS Motorola Semiconductor		LM431AIM TL431AIC TI TL431AID		
PQ424 01/1	1	Reg. SHPB	0CC2804		S08			
				Unitrode Corp.		0CC2804D		
PR206 11/W19	2	Resistor	180K	±1%	1206	200V		
				Roederstein KOA Corp		D25 180K FCS RK73H2B TD 180K F		
PR206 11/1K8	4	Resistor	1k8	±1%	1206	200V		
				Roederstein KOA Corp		D25 01K8 FCS RK73H2B TD 1K8 F		
PR206 11/47K	2	Resistor	47K	±1%	1206	200V		
				Roederstein KOA Corp		D25 047K FCS RK73H2B TD 47K F		
PR206 11/470	4	Resistor	470	±1%	1206	200V		
				Roederstein KOA Corp		D25 470R FCS RK73H2B TD 470R F		
PR206 11/56K	1	Resistor	56K	±1%	1206	200V		
				Roederstein KOA Corp		D25 056K FCS RK73H2B TD 56K F		
PR206 11/6K8	6	Resistor	6k8	±1%	1206	200V		
				Roederstein KOA Corp		D25 06K8 FCS RK73H2B TD 6K8 F		
PR301 175/10K	1	WPC-res	10K	±10%	0805			

Product number: K115/5-301 PCB Assy 115VAC/13VDC

Revision: A

Part number	Qty	Description	Value 1	Value 2 Manufacturer	Value 3	Value 4 Man part no	Remark 1	Remark
				MCC		TN20-3H103K		
PR351 01/1K0	1	Potentiometer	1k	(ST-4B)	SMD			
				Copal BI Technologies Ltd Bourns Inc		ST-4TB 1k 23BR 1K0 TR 3314G-1-1K0 E		
PR351 01/10K	1	Potentiometer	10k	(ST-4B)	SMD			
				Copal BI Technologies Ltd Bourns Inc		ST-4TB 10K 23BR 10K TR 3314G-1-10K E		
PR603 12/M10	2	Resistor	100k	±1%	0603			
				Roederstein KOA Corp		D11 100K FCS RK73H1J TD 100K F		
PR603 12/M33	1	Resistor	330k	±1%	0603			
				Roederstein KOA Corp		D11 330K FCS RK73H1J TD 330K F		
PR603 12/033	1	Resistor	33	±1%	0603			
				Roederstein KOA Corp		D11 033R FCS RK73H1J TD 33R F		
PR603 12/1K0	3	Resistor	1k	±1%	0603			
				Roederstein KOA Corp		D11 001K FCS RK73H1J TD 1K0 F		
PR603 12/1K2	1	Resistor	1.2k	±1%	0603			
				Roederstein KOA Corp		D11 01K2 FCS RK73H1J TD 1K2 F		
PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
				Roederstein KOA Corp		D11 01K5 FCS RK73H1J TD 1K5 F		
PR603 12/10K	1	Resistor	10k	±1%	0603			
				Roederstein KOA Corp		D11 010K FCS RK73H1J TD 10K F		
PR603 12/100	1	Resistor	100	±1%	0603			

Product number: K116/5-301 PCB Assy 115VAC/13VDC

Revision: A

Part number	Qty	Description	Value 1	Value 2 Manufacturer	Value 3	Value 4 Man part no	Remark 1	Remark
PR603 12/150	4	Resistor	150	Roederstein KOA Corp	0603	D11 100R FCS RK73H1J TD 100R F		
PR603 12/2K2	1	Resistor	2.2k	Roederstein KOA Corp	0603	D11 150R FCS RK73H1J TD 150R F		
PR603 12/22K	1	Resistor	22k	Roederstein KOA Corp	0603	D11 02K2 FCS RK73H1J TD 2K2 F		
PR603 12/27K	1	Resistor	27k	Roederstein KOA Corp	0603	D11 022K FCS RK73H1J TD 22K F		
PR603 12/27K	1	Resistor	27k	Roederstein KOA Corp	0603	D11 027K FCS RK73H1J TD 27K F		
PR603 12/390	1	Resistor	390	Roederstein KOA Corp	0603	D11 390R FCS RK73H1J TD 390R F		
PR603 12/4K7	1	Resistor	4.7k	Roederstein KOA Corp	0603	D11 04K7 FCS RK73H1J TD 4K7 F		
PR603 12/47K	1	Resistor	47k	Roederstein KOA Corp	0603	D11 047K FCS RK73H1J TD 47K F		
PR603 12/470	3	Resistor	470	Roederstein KOA Corp	0603	D11 470R FCS RK73H1J TD 470R F		
PR603 54/4R7	1	Resistor	4.7	Roederstein KOA Corp	0603	D11 04R7 JBS RK73H1J TD 4R7 J		
PR901 01/8R2	1	Resistor NR	8R2	±5%	87 x 25	7W		

Product number: K116/5-301

PCB Assy 115VAC/13VDC

Revision: A

Part number	Qty	Description	Value 1	Value 2 Manufacturer	Value 3	Value 4 Man part no	Remark 1	Remark
				Philips		2322 329 07028		
PR901 07/R47	2	Resistor MF	OR47	±5%	V6 x 15,5	3W		
				KOA Corp		RSSK3T521E47J		
PV101 03/06	1	Screw	M3 x 6					
				Bix Skruv & Mutter AB		MLCTS M3x6 8.8 fzb		
PV101 03/12	1	Screw	M3 x 12					
				Bix Skruv & Mutter AB		MLCTS M3x12 8.8 fzb		
PV101 04/08	3	Screw	M4 x 8					
				Bix Skruv & Mutter AB		MLCTS M4x8 8.8 fzb		
PV201 01/3	1	Washer	M3					
				Bix Skruv & Mutter AB		Schnorr 3,2 tennbrons		
PV201 01/4	3	Washer	M4					
				Bix Skruv & Mutter AB		Schnorr 4,3 tennbrons		
PV203 01/3	1	Washer	M3					
				Bix Skruv & Mutter AB		BRB 3.2x6x0.5 mäss fzb		
PV251 02/3	2	Nut	M3					
				Bix Skruv & Mutter AB		M6M stål M3 fzb		
PV901 17/1	1	Label	29x8-W					
				BD Märkteknik AB		29x8-3-W		
VD101 31/2	1	Cooling body						
VD102 01/1	1	Spring					Custom design	-201
VD201 89/1	1	Cooling body						
VD201 90/1	2	Spring						

Product number: K116/5-301 PCB Assy 115VAC/13VDC

Revision: A

Part number	Qty Description	Value 1	Value 2 Manufacturer	Value 3	Value 4 Man part no	Remark 1	Remark
VE001 03/1	2 Inductor	100 uH				Custom design	-201
VE001 06/1	2 Inductor	10 uH				Custom design	-201
VE001 08/1	1 Inductor	510H/120H					
VE002 07/1	1 Transformer						

*** Slut på rapporten ***

Product number: K121/3-301		PCB Assembly		LNA 19 Board Uplink		Revision: D			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C101	PC101 315/6P8	1	Capacitor cer	6.8p	NP0 ±0.25p	0603	50V		
C102	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C103	PC101 315/P82	1	Capacitor cer	0.82p	NP0 ±0.25p	0603	50V		FS
C104	PC101 315/1P2	1	Capacitor cer	1.2p	NP0 ±0.25p	0603	50V		FS
C105	PC101 315/6P8	1	Capacitor cer	6.8p	NP0 ±0.25p	0603	50V		
C106	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C107	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C108	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C109	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C110	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C111	PC101 315/M10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C112	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C113	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C114	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C115	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C116	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C117	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C118	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C119	PC101 315/W33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C120	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C121	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C122	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C123	PC101 315/6P8	1	Capacitor cer	6.8p	NP0 ±0.25p	0603	50V		
C124	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C125	PC101 315/P68	1	Capacitor cer	0.68p	NP0 ±0.25p	0603	50V		FS

Product number: K121/3-301		PCB Assembly		LNA 19 Board Uplink		Revision: D			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C126	PC101 315/6P8	1	Capacitor cer	6.8p	NP0 ±0.25p	0603	50V		
C127	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C128	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C129	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C130	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C131	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C132	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C133	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C151	PC101 315/P47	1	Capacitor cer	0.47p	NP0 ±0.25p	0603	50V		FS
C152	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C153	PC101 315/6P8	1	Capacitor cer	6.8p	NP0 ±0.25p	0603	50V		
C154	NU		Not Used					Not mounted	
C155	PC101 315/P66	1	Capacitor cer	0.68p	NP0 ±0.25p	0603	50V		
C156	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C157	PC101 315/6P8	1	Capacitor cer	6.8p	NP0 ±0.25p	0603	50V		
C158	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C159	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C160	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C161	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C162	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C163	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C164	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C165	PC101 315/6P8	1	Capacitor cer	6.8p	NP0 ±0.25p	0603	50V		
C166	NU		Not Used					Not mounted	
C167	PC101 315/P68	1	Capacitor cer	0.68p	NP0 ±0.25p	0603	50V		

Product number: K121/3-101		PCB Assembly		LNA 19 Board Uplink		Revision: D	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1 Remark 2
C168	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V
C169	PC101 315/6P6	1	Capacitor cer	6.8p	NPO ±0.25p	0603	50V
C170	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V
C171	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V
C172	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V
C173	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V
C174	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V
C175	PC301 20/A100	1	Tantal cap	1u	±20%	3216	20V
C176	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V
C177	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V
D101	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23	
D102	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23	
L101	PR601 00/0	1	Resistor	0		0603	FS
L102	PM106 01/3N3	1	Inductor	3.3n	±0.2	0603	FS
P1	PM211 02/1	1	Coax conn	receptacle	SMA		
P2	PM211 02/1	1	Coax conn	receptacle	SMA		
P3	PM211 02/1	1	Coax conn	receptacle	SMA		
P4	PM211 02/1	1	Coax conn	receptacle	SMA		
Q101	PQ211 15/1	1	RF-trans	BFP450		SOT343	
Q102	PQ211 12/1	1	Transistor	{BCX71J}		SOT23	
Q103	PQ211 12/1	1	Transistor	{BCX71J}		SOT23	
Q104	PQ211 11/1	1	Transistor	{BCX70J}		SOT23	
Q105	PQ211 15/1	1	RF-trans	BFP450		SOT343	
Q106	PQ211 12/1	1	Transistor	{BCX71J}		SOT23	
Q107	PQ211 15/1	1	RF-trans	BFP450		SOT343	

Product number: K121/3-301		PCB Assembly		LMA 19 Board	Uplink	Revision: D			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
Q108	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q109	PQ231 15/1	1	RF-trans	BPP450		SOT343			
Q110	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q111	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08			
Q112	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
R101	PR603 12/1K5	1	Resistor	1.5K	±1%	0603			
R102	PR603 12/4K7	1	Resistor	4.7K	±1%	0603			
R103	PR603 12/1K5	1	Resistor	1.5K	±1%	0603			
R104	PR603 00/0	1	Resistor	0		0603			
R105	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R106	PR603 12/2K2	1	Resistor	2.2K	±1%	0603			
R107	PR603 12/100	1	Resistor	100	±1%	0603			
R108	PR603 12/010	1	Resistor	10	±1%	0603			
R109	PR603 12/220	1	Resistor	220	±1%	0603			
R110	PR603 12/220	1	Resistor	220	±1%	0603			
R111	PR603 12/560	1	Resistor	560	±1%	0603			
R112	PR603 12/560	1	Resistor	560	±1%	0603			
R113	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R114	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R115	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R116	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R117	PR603 12/680	1	Resistor	680	±1%	0603			
R118	PR603 12/10K	1	Resistor	10k	±1%	0603			
R119	PR603 12/150	1	Resistor	150	±1%	0603			
R120	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			

Product number: K121/3-301		PCB Assembly		LMA 19 Board Uplink		Revision: D			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R121	PR603 12/470	1	Resistor	470	±1%	0603			
R122	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R123	PR603 12/047	1	Resistor	47	±1%	0603			
R124	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R125	PR301 175/1K0	1	NTC-res	1k	±10%	0805			
R126	PR301 175/220	1	NTC-res	220	±10%	0805			
R127	PR603 12/680	1	Resistor	680	±1%	0603			
R128	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R129	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R130	PR603 00/0	1	Resistor	0		0603			
R131	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R132	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R133	PR603 12/100	1	Resistor	100	±1%	0603			
R134	PR603 54/6R8	1	Resistor	6.8	±5%	0603			
R135	PR603 12/047	1	Resistor	47	±1%	0603			
R136	PR603 12/047	1	Resistor	47	±1%	0603			
R136	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R151	PR603 12/100	1	Resistor	100	±1%	0603			
R152	PR603 12/100	1	Resistor	100	±1%	0603			
R153	PR603 12/068	1	Resistor	68	±1%	0603			FS
R154	PR603 12/470	1	Resistor	470	±1%	0603			FS
R155	PR602 12/068	1	Resistor	68	±1%	0603			FS
R156	PR602 12/010	1	Resistor	10	±1%	0603			FS
R157	PR603 12/068	1	Resistor	68	±1%	0603			FS
R158	PR603 12/470	1	Resistor	470	±1%	0603			FS

Product number: K121/3-301		PCB Assembly		LNA 19 Board Uplink		Revision: D			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R159	PR603 12/470	1	Resistor	470	±1%	0603			FS
R160	PR603 12/470	1	Resistor	470	±1%	0603			FS
R161	PR603 12/010	1	Resistor	10	±1%	0603			FS
R162	PR603 12/100	1	Resistor	100	±1%	0603			
R163	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R164	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R165	PR603 12/680	1	Resistor	680	±1%	0603			
R166	PR603 00/0	1	Resistor	0		0603			
R167	PR603 54/6R8	1	Resistor	6.8	±5%	0603			
R168	PR603 12/100	1	Resistor	100	±1%	0603			
R169	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R170	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R171	PR603 12/047	1	Resistor	47	±1%	0603			
R172	PR603 12/047	1	Resistor	47	±1%	0603			
R173	PR603 12/680	1	Resistor	680	±1%	0603			
R174	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R175	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R176	PR603 00/0	1	Resistor	0		0603			
R177	PR603 54/6R8	1	Resistor	6.8	±5%	0603			
R178	PR603 12/100	1	Resistor	100	±1%	0603			
R179	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R180	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R181	PR603 12/047	1	Resistor	47	±1%	0603			
R182	PR603 12/047	1	Resistor	47	±1%	0603			
WD1	M121	1	PC Board	LNA 18/19				Custom design	

Product number: K121/1-301		PCB Assembly		LNA 19 Board Uplink		Revision: D			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
N02	PV901 17/1	1	Label	29x8-W					
N04	VD101 01/3	1	Printed panel						
N05	PV301 01/1	6	Tube rivet	V2x0.3x5					
N10	VE009 04/2	1	RFI plate						
N11	VD101 05/2	1	House						
N12	PV103 03/16	2	Screw	M3 x 16					
X101	PM244 06/1	1	SAW-filter RP	F6 L2	1880 MHz	SMD			
			*** Slut på rapporten ***						

Product number: K121/4-101		PCB Assembly		LNA 19 Board Downlink		Revision: D			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C101	PC101 315/5P8	1	Capacitor cer	6.8p	NP0 ±0.25p	0603	50V		
C102	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C103	PC101 315/1P2	1	Capacitor cer	1.2p	NP0 ±0.25p	0603	50V		FS
C104	PC101 315/P68	1	Capacitor cer	0.68p	NP0 ±0.25p	0603	50V		FS
C105	PC101 315/6P8	1	Capacitor cer	6.8p	NP0 ±0.25p	0603	50V		
C106	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C107	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C108	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C109	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C110	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C111	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C112	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C113	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C114	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C115	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C116	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C117	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C118	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C119	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C120	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C121	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C122	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C123	PC101 315/6P8	1	Capacitor cer	6.8p	NP0 ±0.25p	0603	50V		
C124	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C125	PC101 315/P68	1	Capacitor cer	0.68p	NP0 ±0.25p	0603	50V		FS

Product number: X121/4-301		PCB Assembly		LNA 19 Board	Downlink	Revision: D			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C126	PC101 315/6P8	1	Capacitor cer	6.8p	NPO ±0.25p	0603	50V		
C127	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C128	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C129	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C130	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C131	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C132	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C133	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C151	PC101 315/P82	1	Capacitor cer	0.82p	NPO ±0.25p	0603	50V		FS
C152	PC101 315/1P0	1	Capacitor cer	1.0p	NPO ±0.25p	0603	50V		FS
C153	PC101 315/6P8	1	Capacitor cer	6.8p	NPO ±0.25p	0603	50V		
C154	NU		Not Used					Not mounted	
C155	PC101 315/P68	1	Capacitor cer	0.68p	NPO ±0.25p	0603	50V		
C156	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C157	PC101 315/6P8	1	Capacitor cer	6.8p	NPO ±0.25p	0603	50V		
C158	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C159	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C160	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C161	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C162	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C163	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C164	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C165	PC101 315/6P8	1	Capacitor cer	6.8p	NPO ±0.25p	0603	50V		
C166	NU		Not Used					Not mounted	
C167	PC101 315/P68	1	Capacitor cer	0.68p	NPO ±0.25p	0603	50V		

Product number: K121/4-3D1		PCB Assembly		LNA 19 Board		Downlink		Revision: D	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C168	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C169	PC101 315/6P8	1	Capacitor cer	6.8p	NP0 ±0.25p	0603	50V		
C170	PC101 375/10M	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C171	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C172	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C173	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C174	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C175	PC101 20/A1U0	1	Tantal cap	1u	±20%	3216	20V		
C176	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C177	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
D101	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D102	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
L101	PR603 00/0	1	Resistor	0		0603			FS
L102	PR603 00/0	1	Resistor	0		0603			FS
F1	FM211 02/1	1	Coax conn	receptacle	SMA				
F2	FM211 02/1	1	Coax conn	receptacle	SMA				
F3	FM211 02/1	1	Coax conn	receptacle	SMA				
F4	FM211 02/1	1	Coax conn	receptacle	SMA				
Q101	PQ231 15/1	1	RF-trans	BPF450		SOT343			
Q102	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q103	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q104	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q105	PQ231 15/1	1	RF-trans	BPF450		SOT343			
Q106	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q107	PQ231 15/1	1	RF-trans	BPF450		SOT343			

Product number: K121/4-301		PCB Assembly		LMA 19 Board	Downlink	Revision: D			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
Q108	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q109	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q110	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q111	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	608			
Q112	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
R101	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R102	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R103	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R104	PR603 00/0	1	Resistor	0		0603			
R105	PR603 00/PS	1	Resistor	PS		0603		Factory Set value	
R106	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R107	PR603 12/100	1	Resistor	100	±1%	0603			
R108	PR603 12/010	1	Resistor	10	±1%	0603			
R109	PR603 12/220	1	Resistor	220	±1%	0603			
R110	PR603 12/220	1	Resistor	220	±1%	0603			
R111	PR603 12/560	1	Resistor	560	±1%	0603			
R112	PR603 12/560	1	Resistor	560	±1%	0603			
R113	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R114	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R115	PR603 12/1K5	1	Resistor	1.9k	±1%	0603			
R116	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R117	PR603 12/680	1	Resistor	680	±1%	0603			
R118	PR603 12/10K	1	Resistor	10k	±1%	0603			
R119	PR603 12/150	1	Resistor	150	±1%	0603			
R120	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			

Product number: K121/4-301		PCB Assembly		LNA 19 Board	Downlink	Revision: D			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R121	PR603 12/470	1	Resistor	470	±1%	0603			
R122	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R123	PR603 12/047	1	Resistor	47	±1%	0603			
R124	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R125	PR301 175/1K0	1	NTC-res	1k	±10%	0805			
R126	PR301 175/220	1	NTC-res	220	±10%	0805			
R127	PR603 12/680	1	Resistor	680	±1%	0603			
R128	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R129	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R130	PR603 00/0	1	Resistor	0		0603			
R131	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R132	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R133	PR603 12/100	1	Resistor	100	±1%	0603			
R134	PR603 54/6R8	1	Resistor	6.8	±3%	0603			
R135	PR603 12/047	1	Resistor	47	±1%	0603			
R136	PR603 12/047	1	Resistor	47	±1%	0603			
R150	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R161	PR603 12/100	1	Resistor	100	±1%	0603			
R152	PR603 12/100	1	Resistor	100	±1%	0603			
R153	PR603 12/100	1	Resistor	100	±1%	0603			FS
R154	PR603 12/470	1	Resistor	470	±1%	0603			FS
R155	PR603 12/062	1	Resistor	62	±1%	0603			FS
R156	PR603 12/012	1	Resistor	12	±1%	0603			FS
R157	PR603 12/100	1	Resistor	100	±1%	0603			FS
R158	PR603 12/470	1	Resistor	470	±1%	0603			FS

Product number: K121/4-3D1		PCB Assembly		LNA 19 Board		Downlink		Revision: D	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R159	PR603 12/470	1	Resistor	470	±1%	0603			FS
R160	PR603 12/470	1	Resistor	470	±1%	0603			FS
R161	PR603 12/012	1	Resistor	12	±1%	0603			FS
R162	PR603 12/100	1	Resistor	100	±1%	0603			
R163	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R164	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R165	PR603 12/680	1	Resistor	680	±1%	0603			
R166	PR603 00/0	1	Resistor	0		0603			
R167	PR603 54/6R8	1	Resistor	6.8	±5%	0603			
R168	PR603 12/100	1	Resistor	100	±1%	0603			
R169	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R170	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R171	PR603 12/047	1	Resistor	47	±1%	0603			
R172	PR603 12/047	1	Resistor	47	±1%	0603			
R173	PR603 12/680	1	Resistor	680	±1%	0603			
R174	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R175	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R176	PR603 00/0	1	Resistor	0		0603			
R177	PR603 54/6R8	1	Resistor	6.8	±5%	0603			
R178	PR603 12/100	1	Resistor	100	±1%	0603			
R179	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R180	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R181	PR603 12/047	1	Resistor	47	±1%	0603			
R182	PR603 12/047	1	Resistor	47	±1%	0603			
W01	M121	1	PC Board	LNA 18/19				Custom design	

Product number: X121/A-101		PCB Assembly		LMA 19 Board Downlink		Revision: D	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1 Remark 2
W02	PV901 17/1	1	Label	29x8-W			
W04	VD101 82/3	1	Printed panel				
W05	PV301 01/1	6	Tube rivet	Y2x0.1x5			
W10	VE009 04/2	1	RFI plate				
W11	VD101 85/2	1	House				
W12	PV103 03/16	2	Screw	M3 x 16			
X101	PN244 06/2	1	SAN-filter RF	F6 L2	1960 MHz	SMD	
			*** Slut på rapporten ***				

Product number: K223/1-301		PCB Assembly		PA 19 Board			Revision: B		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C129	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C130	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C131	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C132	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C136	NU	1	Not Used					Not mounted	
C137	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C138	NU	1	Not Used					Not mounted	FS
C139	PC101 315/4P7	1	Capacitor cer	4.7p	NPO ±0.25p	0603	50V		
C140	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C141	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C142	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C143	PC101 315/1P5	1	Capacitor cer	1.5p	NPO ±0.25p	0603	50V		
C144	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C145	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C146	PC101 315/1P5	1	Capacitor cer	1.5p	NPO ±0.25p	0603	50V		
C147	PC101 315/1P0	1	Capacitor cer	1.0p	NPO ±0.25p	0603	50V		
C151	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C153	PC101 315/4P7	1	Capacitor cer	4.7p	NPO ±0.25p	0603	50V		
C154	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C155	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C156	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C157	PC101 315/1P5	1	Capacitor cer	1.5p	NPO ±0.25p	0603	50V		
C158	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C159	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C160	PC101 315/1P5	1	Capacitor cer	1.5p	NPO ±0.25p	0603	50V		

Product number: K223/1-301		PCB Assembly		PA 19 Board			Revision: B		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C161	PC101 315/4P7	1	Capacitor cer	4.7p	NP0 ±0.25p	0603	50V		
C165	NU	1	Not Used					Not mounted	FS
C166	PC101 315/4P7	1	Capacitor cer	4.7p	NP0 ±0.25p	0603	50V		
C167	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C168	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C169	PC101 315/2P2	1	Capacitor cer	2.2p	NP0 ±0.25p	0603	50V		
C170	PC101 315/4P7	1	Capacitor cer	4.7p	NP0 ±0.25p	0603	50V		FS
C171	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C172	PC101 315/1P8	1	Capacitor cer	1.8p	NP0 ±0.25p	0603	50V		
C173	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C174	PC101 315/22P	1	Capacitor cer	22p	NP0 ±5%	0603	50V		
C175	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C176	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C177	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C178	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C182	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C183	NU	1	Not Used					Not mounted	FS
C184	PC101 315/4P7	1	Capacitor cer	4.7p	NP0 ±0.25p	0603	50V		
C185	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C186	PC101 315/2P2	1	Capacitor cer	2.2p	NP0 ±0.25p	0603	50V		
C187	PC101 315/4P7	1	Capacitor cer	4.7p	NP0 ±0.25p	0603	50V		FS
C188	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C189	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C190	PC101 315/1P8	1	Capacitor cer	1.8p	NP0 ±0.25p	0603	50V		
C191	PC101 315/22P	1	Capacitor cer	22p	NP0 ±5%	0603	50V		

Product number: K223/1-301		PCB Assembly		PA 19 Board			Revision: B		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C192	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C193	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C194	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C195	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C196	PC101 315/P82	1	Capacitor cer	0.82p	NP0 ±0.25p	0603	50V		
C201	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C202	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C203	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C204	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C205	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C206	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C208	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C209	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C210	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C211	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C212	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C213	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C216	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C218	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C219	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C220	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C221	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C222	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C223	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C224	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		

Product number: K223/1-301		PCB Assembly		PA 19 Board			Revision: B		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C225	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C227	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C229	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C230	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C231	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C232	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C233	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C234	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C235	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C236	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C237	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C242	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C243	PC101 315/1P0	1	Capacitor cer	1.0p	NPO ±0.25p	0603	50V		
C244	PC101 315/1P0	1	Capacitor cer	1.0p	NPO ±0.25p	0603	50V		
C245	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C246	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C247	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C248	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C249	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C250	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C251	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C252	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C253	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C254	PC201 01/2P2	1	High Q-cap	2.2p	±0.25p	0505	50V		FS
C255	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K223/1-301		PCB Assembly		PA 19 Board			Revision: B		
Pcs	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C256	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C257	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C258	PC201 02/68P	1	High Q-cap	68p	±10%	0505	150V		
C259	PC201 01/1P0	1	High Q-cap	1.0p	±0.25p	0505	50V		
C260	PC201 01/2P7	1	High Q-cap	2.7p	±0.25p	0505	50V		FS
C261	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C262	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C264	PC201 01/10P	1	High Q-cap	10p	±5%	0505	50V		
C265	PC201 01/10P	1	High Q-cap	10p	±5%	0505	50V		
C266	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C267	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C268	PC201 01/3P9	1	High Q-cap	3.9p	±0.25p	0505	50V		FS
C269	PC201 01/2P2	1	High Q-cap	2.2p	±0.25p	0505	50V		
C270	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C271	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C272	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C273	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C274	PC201 01/10P	1	High Q-cap	10p	±5%	0505	50V		
C275	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C276	PC301 35/D10U	1	Tantal cap	10u	±20%	7343	35V		
C277	PC201 01/2P2	1	High Q-cap	2.2p	±0.25p	0505	50V		
C278	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C279	NU	1	Not Used					Not mounted	
C280	PC201 01/10P	1	High Q-cap	10p	±5%	0505	50V		
C281	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		

Product number: K223/1-301		PCB Assembly		PA 19 Board			Revision: B		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C282	PC301 35/D10U	1	Tantal cap	10u	±20%	7343	35V		
C283	PC451 41/U20	1	RFL-cap	200n	2A	SMD	50V		
C284	PC101 315/2P2	1	Capacitor cer	2.2p	NPO ±0.25p	0603	50V		FS
C285	PC201 01/10P	1	High Q-cap	10p	±5%	0505	50V		
C286	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C287	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C288	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C289	PC201 01/10P	1	High Q-cap	10p	±5%	0505	50V		
C290	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C291	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C292	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
D101	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D102	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D201	PQ121 01/1	1	Schottky diode	MA4CS103E		SOT143			
D211	PQ121 01/1	1	Schottky diode	MA4CS103E		SOT143			
L101	PM101 527/56N	1	Inductor	56n	±10%	0805			
L102	PM106 01/1N5	1	Inductor	1.5n	±0.2	0603			
P1	PM212 01/16	1	Connector	1 x 16p receptacle	gold plated				
P2	PM212 09/10	1	Connector	2 x 5p M	DIN41651				
P3	PM211 01/1	1	Coax conn	receptacle	MCX straight				
P4	PM211 01/1	1	Coax conn	receptacle	MCX straight				
P5	PM211 01/1	1	Coax conn	receptacle	MCX straight				
Q101	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q102	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q103	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			

Product number: K223/1-301		PCB Assembly		PA 19 Board		Revision: B			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
Q104	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q105	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q106	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q107	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q108	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q109	PQ243 01/1	1	RF pwr trans GaAs	CLY2		MN6			
Q110	PQ243 02/1	1	RF pwr trans GaAs	CLY5		SOT223			
Q111	PQ243 02/1	1	RF pwr trans GaAs	CLY5		SOT223			
Q121	PQ243 02/1	1	RF pwr trans GaAs	CLY5		SOT223			
Q122	PQ243 02/1	1	RF pwr trans GaAs	CLY5		SOT223			
Q123	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q124	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q125	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q126	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q201	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q202	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q203	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q204	PQ243 03/1	1	RF pwr trans GaAs	MGF090SA		GF7			
Q205	PQ243 04/1	1	RF pwr trans GaAs	FLL300IP-2		IP			
Q211	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q214	PQ221 07/1	1	Transistor, MOSFET, P-ch	Si9424DY		S08			
Q215	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08			
Q216	PQ429 04/1	1	Volt. converter	LTC126L		S08			
Q218	PQ429 02/1	1	Current sensor	MAX471		S08			
Q219	PQ454 09/1	1	EEPROM	24C02	256 x 8	S08			

Product number: K223/1-301		PCB Assembly		PA 19 Board		Revision: B	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1 Remark 2
Q220	PQ412 02/1	1	Dual OP	LMC662		S08	
Q221	PQ429 04/1	1	Volt. convertar	LTC1261		S08	
Q222	PQ221 08/1	1	Transistor, MOSFET, P-ch	IRF4905S		D2-PAK	
Q223	PQ211 11/1	1	Transistor	(BCX70J)		SOT23	
Q224	PQ211 12/1	1	Transistor	(BCX71J)		SOT23	
Q225	PQ211 12/1	1	Transistor	(BCX71J)		SOT23	
Q226	PQ429 02/2	1	Current sensor	MAX472		S08	
Q227	PQ211 11/1	1	Transistor	(BCX70J)		SOT23	
R101	PR603 12/1K5	1	Resistor	1.5k	±1%	0603	
R102	PR603 12/470	1	Resistor	470	±1%	0603	
R103	PR603 12/220	1	Resistor	220	±1%	0603	
R104	PR603 12/680	1	Resistor	680	±1%	0603	FS
R105	NU	1	Not Used				Not mounted FS
R106	PR603 12/1K0	1	Resistor	1k	±1%	0603	
R107	PR603 12/056	1	Resistor	56	±1%	0603	
R108	PR603 12/1K0	1	Resistor	1k	±1%	0603	
R109	PR603 12/100	1	Resistor	100	±1%	0603	
R110	PR603 12/056	1	Resistor	56	±1%	0603	
R111	PR603 12/056	1	Resistor	56	±1%	0603	
R112	PR603 12/056	1	Resistor	56	±1%	0603	
R113	PR603 12/560	1	Resistor	560	±1%	0603	
R114	PR603 12/056	1	Resistor	56	±1%	0603	
R115	NU	1	Not Used				Not mounted
R116	PR603 12/1K5	1	Resistor	1.5k	±1%	0603	
R117	PR301 175/1K0	1	NTC-res	1k	±10%	0805	

Product number: K223/1-301		PCB Assembly		PA 19 Board			Revision: B	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R118	PR603 12/680	1	Resistor	680	±1%	0603		
R119	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R120	NU	1	Not Used					Not mounted
R121	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R122	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R123	PR603 12/560	1	Resistor	560	±1%	0603		
R130	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R131	PR603 12/M10	1	Resistor	100k	±1%	0603		FS
R132	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		FS
R133	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R134	PR603 12/10K	1	Resistor	10k	±1%	0603		
R135	PR603 00/0	1	Resistor	0		0603		
R136	PR603 12/150	1	Resistor	150	±1%	0603		FS
R137	PR301 175/220	1	NTC-res	220	±10%	0805		
R138	NU	1	Not Used					Not mounted
R141	PR603 12/220	1	Resistor	220	±1%	0603		
R142	PR603 12/10K	1	Resistor	10k	±1%	0603		
R143	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R144	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R145	PR603 12/10K	1	Resistor	10k	±1%	0603		FS
R146	PR603 12/1K0	1	Resistor	1k	±1%	0603		FS
R147	PR603 12/100	1	Resistor	100	±1%	0603		
R148	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R149	PR603 12/100	1	Resistor	100	±1%	0603		
R150	PR206 14/2R2	1	Resistor	2.2	±1%	1206	200V	

Product number: K223/1-301		PCB Assembly		PA 19 Board			Revision: B		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R151	NU	1	Not Used					Not mounted	
R155	PR603 00/0	1	Resistor	0		0603			
R156	NU	1	Not Used					Not mounted	
R157	PR603 12/220	1	Resistor	220	±1%	0603			
R158	PR603 12/10K	1	Resistor	10k	±1%	0603			
R159	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R160	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R161	PR603 12/10K	1	Resistor	10k	±1%	0603			FS
R162	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			FS
R163	PR603 12/100	1	Resistor	100	±1%	0603			
R164	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R165	PR603 12/100	1	Resistor	100	±1%	0603			
R166	PR206 14/2R2	1	Resistor	2.2	±1%	1206	200V		
R171	PR603 12/10K	1	Resistor	10k	±1%	0603			
R172	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R173	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R174	NU	1	Not Used					Not mounted	FS
R175	PR603 12/47K	1	Resistor	47k	±1%	0603			FS
R176	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R177	PR603 12/100	1	Resistor	100	±1%	0603			
R178	PR603 12/100	1	Resistor	100	±1%	0603			
R179	PR206 14/2R2	1	Resistor	2.2	±1%	1206	200V		
R180	PR603 00/0	1	Resistor	0		0603			
R181	PR603 12/100	1	Resistor	100	±1%	0603			
R185	PR603 12/1K0	1	Resistor	1k	±1%	0603			

Product number: K223/1-301		PCB Assembly		PA 19 Board			Revision: B		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R186	PR603 12/10K	1	Resistor	10k	±1%	0603			
R187	NU	1	Not Used					Not mounted	FS
R188	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R189	PR603 12/47K	1	Resistor	47k	±1%	0603			FS
R190	PR603 12/100	1	Resistor	100	±1%	0603			
R191	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R192	PR603 12/100	1	Resistor	100	±1%	0603			
R193	PR603 12/100	1	Resistor	100	±1%	0603			
R194	PR206 14/2R2	1	Resistor	2.2	±1%	1206	200V		
R195	PR603 00/0	1	Resistor	0		0603			
R201	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R202	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R203	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R204	PR603 12/10K	1	Resistor	10k	±1%	0603			
R205	NU	1	Not Used					Not mounted	
R206	PR603 12/10K	1	Resistor	10k	±1%	0603			
R207	NU	1	Not Used					Not mounted	
R208	PR603 12/M22	1	Resistor	220k	±1%	0603			
R209	PR603 12/M10	1	Resistor	100k	±1%	0603			
R210	PR603 12/M22	1	Resistor	220k	±1%	0603			
R211	PR603 12/M10	1	Resistor	100k	±1%	0603			
R212	NU	1	Not Used					Not mounted	
R213	NU	1	Not Used					Not mounted	
R214	PR603 12/010	1	Resistor	10	±1%	0603			
R215	PR603 12/10K	1	Resistor	10k	±1%	0603			

Product number: K223/1-301		PCB Assembly		PA 19 Board			Revision: B	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R216	PR603 12/010	1	Resistor	10	±1%	0603		
R217	PR603 12/010	1	Resistor	10	±1%	0603		
R218	PR603 12/330	1	Resistor	330	±1%	0603		
R219	PR603 12/10K	1	Resistor	10k	±1%	0603		
R220	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R221	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R222	PR603 12/010	1	Resistor	10	±1%	0603		
R223	PR603 12/10K	1	Resistor	10k	±1%	0603		
R224	PR603 12/330	1	Resistor	330	±1%	0603		
R225	PR603 12/M22	1	Resistor	220k	±1%	0603		
R226	PR603 12/560	1	Resistor	560	±1%	0603		
R227	PR603 12/220	1	Resistor	220	±1%	0603		
R228	PR301 175/220	1	NTC-res	220	±10%	0805		
R229	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R230	PR603 12/100	1	Resistor	100	±1%	0603		
R231	PR218 10/R10	1	Power res	0.1	±1%	1218		
R232	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R233	PR218 10/R10	1	Power res	0.1	±1%	1218		
R234	PR603 12/220	1	Resistor	220	±1%	0603		
R235	PR603 12/220	1	Resistor	220	±1%	0603		
R236	NU	1	Not Used					Not mounted
R237	PR603 12/10K	1	Resistor	10k	±1%	0603		
R238	PR603 12/10K	1	Resistor	10k	±1%	0603		
R239	PR603 12/10K	1	Resistor	10k	±1%	0603		
R240	PR603 12/M10	1	Resistor	100k	±1%	0603		

Product number: K223/1-301		PCB Assembly		PA 19 Board			Revision: B	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R241	PR603 12/M10	1	Resistor	100k	±1%	0603		
R242	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R243	PR603 12/22K	1	Resistor	22k	±1%	0603		
R244	PR603 12/220	1	Resistor	220	±1%	0603		
R245	NU	1	Not Used				Not mounted	FS
R246	PR603 12/1K0	1	Resistor	1.8k	±1%	0603		
R247	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R248	PR603 12/10K	1	Resistor	10k	±1%	0603		FS
R249	PR603 12/8K2	1	Resistor	8.2k	±1%	0603		
R250	PR603 12/M10	1	Resistor	100k	±1%	0603		
R251	PR603 12/M33	1	Resistor	330k	±1%	0603		
R252	PR603 12/220	1	Resistor	220	±1%	0603		
R253	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R254	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R255	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R256	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R257	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R258	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R259	PR301 175/1K0	1	NTC-res	1k	±10%	0805		
R260	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R261	NU	1	Not Used				Not mounted	
R264	PR603 12/M22	1	Resistor	220k	±1%	0603		
R265	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R266	PR603 12/330	1	Resistor	330	±1%	0603		
R267	PR603 12/470	1	Resistor	470	±1%	0603		

Product number: K223/1-301		PCB Assembly		PA 19 Board			Revision: B		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R268	PR603 12/100	1	Resistor	100	±1%	0603			
R269	PR603 12/M10	1	Resistor	100k	±1%	0603			
R270	NU	1	Not Used					Not mounted	FS
R271	PR603 12/100	1	Resistor	100	±1%	0603			
R272	PR603 12/470	1	Resistor	470	±1%	0603			
R273	PR603 12/100	1	Resistor	100	±1%	0603			
R274	PR206 14/2R2	1	Resistor	2.2	±1%	1206	200V		
R275	PR206 14/2R2	1	Resistor	2.2	±1%	1206	200V		
R276	PR206 14/2R2	1	Resistor	2.2	±1%	1206	200V		
R277	PR206 14/2R2	1	Resistor	2.2	±1%	1206	200V		
R278	PR206 14/2R2	1	Resistor	2.2	±1%	1206	200V		
R279	NU	1	Not Used					Not mounted	
R280	PR603 00/0	1	Resistor	0		0603			
R281	NU	1	Not Used					Not mounted	
R282	PR603 12/220	1	Resistor	220	±1%	0603			
R283	PR603 12/100	1	Resistor	100	±1%	0603			
R284	PR603 12/10K	1	Resistor	10k	±1%	0603			
R285	PR603 12/330	1	Resistor	330	±1%	0603			
R286	PR603 12/010	1	Resistor	10	±1%	0603			
R287	PR603 12/010	1	Resistor	10	±1%	0603			
R288	PR603 12/330	1	Resistor	330	±1%	0603			
R289	PR603 12/10K	1	Resistor	10k	±1%	0603			
R290	PR603 12/100	1	Resistor	100	±1%	0603			
R291	PR603 12/100	1	Resistor	100	±1%	0603			
R292	PR603 12/068	1	Resistor	68	±1%	0603			

Product number: K223/1-301		PCB Assembly		PA 19 Board			Revision: B		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R293	PR603 12/M10	1	Resistor	100k	±1%	0603			
R294	PR603 12/068	1	Resistor	68	±1%	0603			
R295	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R296	PR603 12/100	1	Resistor	100	±1%	0603			
R297	PR603 12/100	1	Resistor	100	±1%	0603			
W01	M223	1	PC Board	PA 18/19				Custom design	
W02	VD101 44/1	1	Shield box					Custom design	
W03	VD101 44/1	1	Shield box					Custom design	
W04	VD102 32/1	1	Shield box					Custom design	
W05	VD102 32/1	1	Shield box					Custom design	
W06	VD101 45/1	1	Cover					Custom design	
W07	VD101 45/1	1	Cover					Custom design	
W08	VD102 34/1	1	Cover					Custom design	
W09	VD102 34/1	1	Cover					Custom design	
W10	VD201 01/1	1	Label	35 x 8				Custom design	
W11	VD201 58/1	1	Cooling body					Custom design	
W12	VD102 22/1	1	Shield bracket					Custom design	
W13	PV103 02/05	1	Screw	M2 x 5					
W14	PV103 02/05	1	Screw	M2 x 5					
W15	PV301 01/2	20	Tube rivet	2x0.3x8					
W16	PV103 025/06	1	Screw	M2.5 X 6					
W17	PV103 025/06	1	Screw	M2.5 X 6					
W18	VD201 59/1	1	Shield box					Custom design	
W19	VD201 59/1	1	Shield box					Custom design	
W20	VD201 59/1	1	Shield box					Custom design	

Product number: K223/1-301 PCB Assembly PA 19 Board Revision: B

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
X1	VE009 05/1	1	Balun					Custom design	
X2	VE009 05/1	1	Balun					Custom design	

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Product number: K225/1-201

PCB Assy

BA 19 Board

Revision: PA5

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C101	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C102	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C103	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C104	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C105	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C106	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C107	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C108	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C109	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C110	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C111	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C112	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C113	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C114	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C115	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C116	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C117	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C118	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C119	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C120	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C121	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C122	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C123	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C129	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		
C130	PC201 01/10P	1	High Q-cap	10p	±5%	0505	50V		

Product number: K225/1-301		PCB Assy		BA 19 Board			Revision: PA5		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C131	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C132	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C133	PC201 01/10P	1	High Q-cap	10p	±5%	0505	50V		
C134	PC201 02/68P	1	High Q-cap	68p	±10%	0505	150V		
C135	PC201 02/68P	1	High Q-cap	68p	±10%	0505	150V		
C136	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C137	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C138	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C139	PC201 01/1P0	1	High Q-cap	1.0p	±0.25p	0505	50V		
C140	PC201 01/1P5	1	High Q-cap	1.5p	±0.25p	0505	50V		
C141	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C142	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C143	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C144	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C145	PC201 02/68P	1	High Q-cap	68p	±10%	0505	150V		
C146	PC201 00/FS	1	High Q-cap	0 - 10PF		0505	50V	FS, NOT MOUNTED	
C147	PC201 00/FS	1	High Q-cap	0 - 10PF		0505	50V	FS, NOT MOUNTED	
C148	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C149	PC201 02/68P	1	High Q-cap	68p	±10%	0505	150V		
C150	PC202 01/1P5	1	High Q-cap	1.5p	±0.25p	1111	500V		
C151	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C152	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C153	PC202 01/10P	1	High Q-cap	10p	±5%	1111	500V		
C154	PC202 01/10P	1	High Q-cap	10p	±5%	1111	500V		
C155	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		

Product number: K225/1-301		PCB Assy		BA 19 Board			Revision: PAS		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C156	PC101 375/1M0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C157	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C158	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C159	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C160	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C161	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C162	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C163	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C164	PC101 671/1U0	1	Capacitor cer	1U0	X7R ±10%	1206	16V		
C165	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C166	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C167	PC201 00/PS	1	High Q-cap	0 - 10PF		0505	50V	PS, NOT MOUNTED	
C168	PC201 00/PS	1	High Q-cap	0 - 10PF		0505	50V	PS, NOT MOUNTED	
C169	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C170	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C171	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C172	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C173	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C174	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C175	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C176	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C177	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C178	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C179	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C180	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		

Product number: K225/1-301		PCB Assy		BA 19 Board			Revision: PAS		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C181	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C182	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C183	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C184	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C185	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C186	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C187	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C188	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C189	PC101 375/10M	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C190	PC101 375/10M	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C201	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C202	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C203	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C204	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C205	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C206	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C207	PC101 375/10M	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C208	PC101 315/18P	1	Capacitor cer	18p	NPO ±5%	0603	50V		
C209	PC101 315/18P	1	Capacitor cer	18p	NPO ±5%	0603	50V		
C210	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C211	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C213	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C218	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C216	PC101 375/10M	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C230	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		

Product number: K225/1-301		PCB Assy		BA 19 Board			Revision: ER5		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C231	PC101 671/1U0	1	Capacitor cer	1U0	X7R ±10%	1206	16V		
C232	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C233	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	16V		
C234	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C235	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C236	PC101 671/1U0	1	Capacitor cer	1U0	X7R ±10%	1206	16V		
C237	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C238	PC101 671/1U0	1	Capacitor cer	1U0	X7R ±10%	1206	16V		
C239	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		
C240	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		
C241	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		
C242	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		
C243	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		
C244	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		
C245	PC101 671/1U0	1	Capacitor cer	1U0	X7R ±10%	1206	16V		
C246	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		
D101	FQ111 01/1	1	Diode, dual, in series	BAV99			SOT23		
D103	FQ121 01/1	1	Schottky diode	MAAC8103E			SOT143		
D110	FQ141 13/1	1	PIV-diode	MAAP1250-1072			SMD		
D111	FQ121 01/1	1	Schottky diode	MAAC8103E			SOT143		
D201	FQ111 01/1	1	Diode, dual, in series	BAV99			SOT23		
D202	FQ301 07/1	1	LED	(LS T670)	red		3528		
D203	FQ111 01/1	1	Diode, dual, in series	BAV99			SOT23		
L101	PM101 207/22U	1	Inductor	22u	±10%		1812		
L102	PM101 207/22U	1	Inductor	22u	±10%		1812		

Product number: K226/1-301

PCB Assy

BA 19 Board

Revision: P45

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
L103	FM101 207/220	1	Inductor	22u	±10%	1812			
P1	FM312 01/16	1	Connector	1 x 16p receptacle	gold plated			UL 94 V-0	
P2	FM212 09/10	1	Connector	2 x 5p M	DIN41651			UL 94 V-0	
P3	FM211 01/1	1	Coax conn	receptacle	MCK straight				
P4	FM211 01/1	1	Coax conn	receptacle	MCK straight				
Q101	FQ412 02/1	1	Dual OP	LMC662		S08			
Q103	FQ211 11/1	1	Transistor	(BCK70J)		SOT23			
Q104	FQ211 11/1	1	Transistor	(BCK70J)		SOT23			
Q105	FQ221 08/2	1	Transistor, MOSFET, P-ch	(SUB75P03-08)		D2-PAK			
Q106	FQ221 01/1	1	Transistor, PNP	(BCF51-10)		SOT223			
Q107	FQ429 02/2	1	Current sensor	MAX472		S08			
Q108	FQ412 04/1	1	Dual OP	(MC33202D)		S08			
Q109	FQ211 11/1	1	Transistor	(BCK70J)		SOT23			
Q110	FQ412 04/1	1	Dual OP	(MC33202D)		S08			
Q120	FQ243 08/1	1	RF pwr trans GaAs	FLL600IQ-2		IQ			
Q130	FQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08			
Q131	FQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08			
Q132	FQ429 05/1	1	Volt. converter	LM2663M		S08			
Q201	NU	1	Not Used					Not mounted	
Q202	FQ441 14/1	1	Quad 2-inp XOR	74HC86		S014			
Q203	FQ451 01/2	1	µ-proc	(MC68HC711B20)		PLCC52			
Q204	FQ454 09/1	1	EEPROM	24C02	256 x 8	S08			
Q205	FQ453 02/1	1	DAC	AD8803		S016			
Q206	FQ455 03/1	1	RS485 Transceiver	MAX485		S08			
Q207	FQ411 01/1	1	Volt. Reg.	LP2951		S08			

Product number: K225/1-001		PCB Assy		BA 19 Board			Revision: PAS	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R101	PR603 12/10K	1	Resistor	10k	±1%	0603		
R102	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R103	NU	1	Not Used					Not mounted
R104	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R105	NU	1	Not Used					Not mounted
R107	PR603 12/10K	1	Resistor	10k	±1%	0603		
R108	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R109	NU	1	Not Used					Not mounted
R110	PR603 12/10K	1	Resistor	10k	±1%	0603		
R111	PR603 12/10K	1	Resistor	10k	±1%	0603		
R112	PR603 12/220	1	Resistor	220	±1%	0603		
R114	NU	1	Not Used					Not mounted
R115	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R116	PR603 12/10K	1	Resistor	10k	±1%	0603		
R117	PR603 12/470	1	Resistor	470	±1%	0603		
R118	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R122	PR218 51/051	1	Power res	51	±1%	1218		
R123	PR218 10/R10	1	Power res	0.1	±1%	1218		
R124	PR218 10/R10	1	Power res	0.1	±1%	1218		
R125	PR218 10/R10	1	Power res	0.1	±1%	1218		
R126	PR218 10/R10	1	Power res	0.1	±1%	1218		
R127	PR603 12/220	1	Resistor	220	±1%	0603		
R128	PR603 12/220	1	Resistor	220	±1%	0603		
R129	PR603 12/M10	1	Resistor	100k	±1%	0603		
R130	PR603 12/22K	1	Resistor	22k	±1%	0603		

Product number: K225/1-201		PCB Assy		BA 19 Board			Revision: PAS	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R131	PR603 12/10K	1	Resistor	10k	±1%	0603		
R132	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R133	PR603 12/M10	1	Resistor	100K	±1%	0603		
R134	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R135	PR603 12/47K	1	Resistor	47k	±1%	0603		Factory Set value
R136	PR603 12/220	1	Resistor	220	±1%	0603		
R137	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R138	PR603 12/1K0	1	Resistor	1.8k	±1%	0603		
R139	PR603 00/PS	1	Resistor	PS		0603		Factory Set value
R140	PR603 12/220	1	Resistor	220	±1%	0603		
R141	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R142	PR603 12/1M0	1	Resistor	1M	±1%	0603		
R143	PR603 12/1M0	1	Resistor	1M	±1%	0603		
R144	PR603 12/100	1	Resistor	100	±1%	0603		
R150	PR603 12/470	1	Resistor	470	±1%	0603		
R151	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R152	PR603 12/047	1	Resistor	47	±1%	0603		
R193	PR218 51/051	1	Power res	51	±5%	1218		
R154	PR603 12/010	1	Resistor	10	±1%	0603		
R155	PR218 51/051	1	Power res	51	±5%	1218		
R156	PR603 12/010	1	Resistor	10	±1%	0603		
R157	PR603 12/047	1	Resistor	47	±1%	0603		
R158	PR603 12/10K	1	Resistor	10k	±1%	0603		
R159	PR603 12/047	1	Resistor	47	±1%	0603		
R160	PR603 12/10K	1	Resistor	10k	±1%	0603		

Product number: R225/1-301		PCB Assy		BA 19 Board			Revision: PAS		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R161	FR603 12/M10	1	Resistor	100k	±1%	0603			
R162	FR603 12/047	1	Resistor	47	±1%	0603			
R163	FR603 12/100	1	Resistor	100	±1%	0603			
R164	NU	1	Not Used					Not mounted	
R165	PR901 08/050	1	RF termination SMD	50	±2%		10W		
R171	NU	1	Not Used					Not mounted	
R172	FR603 12/1K0	1	Resistor	1k	±1%	0603			
R173	FR301 175/1K0	1	NTC-res	1k	±10%	0805			
R174	FR603 12/1K0	1	Resistor	1k	±1%	0603			
R175	FR603 12/1K0	1	Resistor	1k	±1%	0603			
R176	FR603 12/10K	1	Resistor	10k	±1%	0603			
R177	FR603 12/10K	1	Resistor	10k	±1%	0603			
R178	FR603 12/100	1	Resistor	100	±1%	0603			
R179	FR603 12/680	1	Resistor	680	±1%	0603			
R180	FR603 12/1K0	1	Resistor	1k	±1%	0603			
R181	FR603 12/M10	1	Resistor	100k	±1%	0603			
R182	FR603 12/47K	1	Resistor	47k	±1%	0603			
R183	FR603 12/M10	1	Resistor	100k	±1%	0603			
R184	FR603 12/M33	1	Resistor	330k	±1%	0603			
R185	FR603 12/1M0	1	Resistor	1M	±1%	0603			
R186	FR603 12/1M0	1	Resistor	1M	±1%	0603			
R187	FR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R188	FR603 00/0	1	Resistor	0		0603			Factory Set value
R189	FR603 12/M10	1	Resistor	100k	±1%	0603			
R190	FR603 12/1M0	1	Resistor	1M	±1%	0603			

Product number: K225/1-01		PCB Assy		BA 19 Board			Revision: PA5	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R201	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R202	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R203	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R204	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R205	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R206	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R207	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R208	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R209	PR603 12/47K	1	Resistor	47k	±1%	0603		
R210	PR603 12/10K	1	Resistor	10k	±1%	0603		
R211	PR603 12/470	1	Resistor	470	±1%	0603		
R212	PR603 00/0	1	Resistor	0		0603		
R213	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R214	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R215	PR603 12/10K	1	Resistor	10k	±1%	0603		
R216	NU	1	Not Used				Not mounted	
R217	PR603 12/10K	1	Resistor	10k	±1%	0603		
R218	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R219	PR603 54/4M7	1	Resistor	4.7M	±5%	0603		
R220	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R221	PR603 12/10K	1	Resistor	10k	±1%	0603		
R222	PR603 12/10K	1	Resistor	10k	±1%	0603		
R223	PR603 12/10K	1	Resistor	10k	±1%	0603		
R224	PR603 12/10K	1	Resistor	10k	±1%	0603		
R225	PR603 12/10K	1	Resistor	10k	±1%	0603		

Product number: R225/1-301		PCB Assy		BA 19 Board			Revision: P45	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R226	PR603 12/10K	1	Resistor	10k	±1%	0603		
R227	PR603 12/10K	1	Resistor	10k	±1%	0603		
R228	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R229	PR603 12/10K	1	Resistor	10k	±1%	0603		
R230	PR603 12/470	1	Resistor	470	±1%	0603		
R231	PR603 12/10K	1	Resistor	10k	±1%	0603		
R232	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R233	PR603 12/10K	1	Resistor	10k	±1%	0603		
R234	PR603 12/10K	1	Resistor	10k	±1%	0603		
R235	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R236	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R237	PR603 12/470	1	Resistor	470	±1%	0603		
R238	PR603 12/10K	1	Resistor	10k	±1%	0603		
R240	PR603 12/33K	1	Resistor	33k	±1%	0603		
R241	PR603 12/10K	1	Resistor	10k	±1%	0603		
R242	PR603 12/10K	1	Resistor	10k	±1%	0603		
R243	PR603 12/47K	1	Resistor	47k	±1%	0603		
R244	PR603 12/47K	1	Resistor	47k	±1%	0603		
R245	PR603 12/47K	1	Resistor	47k	±1%	0603		
R246	PR603 12/470	1	Resistor	470	±1%	0603		
R247	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R248	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R249	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R250	PR603 12/470	1	Resistor	470	±1%	0603		
R251	PR603 12/470	1	Resistor	470	±1%	0603		

Product number: X225/1-301		PCB Assy	BA 19 Board	Revision: PA5					
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
W01	M225	1	PC Board					CUSTOM DESIGN	Custom design
W02	FV901 17/1	1	Label	29x8-W					
W03	VD202 14/1	1	Cooler, BA 19 Board					CUSTOM DESIGN	
W04	VD202 79/1	2	Shield Wall, BA 19 Board					CUSTOM DESIGN	
W05	VD201 59/1	1	Shield box					Custom design	
W06	VD201 59/1	1	Shield box					Custom design	
W07	FM214 01/52	1	Socket			PLCC52			
W08	VD202 80/1	1	Shield Cover, BA 19 Board					CUSTOM DESIGN	
W09	FV301 01/2	1	Tube rivet	2x0.3x8					
W11	FV103 025/06	1	Screw	M2.5 X 6					
W12	FV103 025/06	1	Screw	M2.5 X 6					
W13	FV103 025/06	1	Screw	M2.5 X 6					
W14	FV103 025/06	1	Screw	M2.5 X 6					
X101	FM206 05/1	1	Balun	GSC371-BAL2000	1.8/2.2 GHz	SMD			
X102	FM206 05/1	1	Balun	GSC371-BAL2000	1.8/2.2 GHz	SMD			
X103	FM206 07/2	1	Power Hanging Termination	FST-02-A-1	0.6/2.0 GHz	SMD	0.5 W		
X201	FM202 04/1	1	Car. Resonator	CSAC	9.00 MHz	SMD			

*** Slut på rapporten ***

Product number: UA101 12/5-301 PSU 115VAC/13VDC

Revision: PA1

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
P1	PM213 01/1	1	Mains inlet, filtered		3A		250V		
S1	PM216 01/1	1	Switch	1p	10A		250V		
W10	PV108 03/08	11	Screw	M3 x 8					
W15	PV201 01/3	7	Washer	M3					
W50	VD202 25/1	1	Label						
W51	VD201 05/1	1	Label	49 x 8				Custom design	
W52	PV202 01/4	1	Washer	M4					
W53	PV103 06/55	3	Screw	M6 x 55					
W54	PV101 04/06	3	Screw	M4 x 6					
W55	PV202 01/3	1	Washer	M3					
W56	VD101 32/1	1	Cover					Custom design	
W57	VA101 36/1	1	Chassis					Custom design	
W58	PV251 01/4	1	Nut	M4					
W59	PV102 03/06	2	Screw	M3 x 6					
W60	K116/5	1	PCB Assy 115VAC/13VDC						
W61	PM291 14/2	1	Cable tie	L=100, W=2.5 mm		UL 94 V-0			
W62	VA201 01/1	2	Cable					Custom design	
W63	VA201 03/2	2	Cable						
W64	VA201 02/1	1	Cable					Custom design	

*** Slut på rapporten ***

Product number: UA101 12/5-301 PSU 115VAC/13VDC

Revision: PA1

Part number	Qty	Description	Value 1	Value 2 Manufacturer	Value 3	Value 4 Man part no	Remark 1	Remark
K116/5	1	PCB Assy 115VAC/13VDC						
PM213 01/1	1	Main inlet, filtered		3A Schaffner Elektronik AG		250V FN 323-3/01		
PM216 01/1	1	Switch	1p	10A Arcoelectric Switches Marquardt GmbH		250V H8600VBBB01/H8600VB ACN 1801.1146		
PM291 14/2	1	Cable tie	L=100, W=2.5 MM		UL 94 V-0 Panduit Hellermann (Ineuloid/Tyton)		PLT1M C76 T18R TZ	
PV101 04/06	3	Screw	M4 x 6		Bix Skruv & Mutter AB		MLCTS M4x6 8.8 fzb	
PV102 03/06	2	Screw	M3 x 6		Bix Skruv & Mutter AB		MFTS M3x6 8.8 fzb	
PV103 06/55	3	Screw	M6 x 55		Bix Skruv & Mutter AB Bix Skruv & Mutter AB		NC6S M6x55 8.8 fzb MC6S M6x55 8.8 A4-70	
PV108 03/08	11	Screw	M3 x 8		Bix Skruv & Mutter AB		MRT M3x8 8.8 fzb	
PV201 01/3	7	Washer	M3		Bix Skruv & Mutter AB		Schnorr 3,2 tenbrons	
PV202 01/3	1	Washer	M3		Bix Skruv & Mutter AB		AZ 3.2 stål fzb	
PV202 01/4	1	Washer	M4		Bix Skruv & Mutter AB		AZ 4.3 stål fzb	
PV251 01/4	1	Nut	M4		Bix Skruv & Mutter AB		DIN 985 M4 fzb	

Product number: UA101 12/5-301 PSU 115VAC/13VDC

Revision: PA1

Part number	Qty	Description	Value 1	Value 2 Manufacturer	Value 3	Value 4 Man part no	Remark 1	Remark
VA101 36/1	1	Chassis					Custom design	-201
VA201 01/1	2	Cable					Custom design	-201
VA201 02/1	1	Cable					Custom design	-201
VA201 03/2	2	Cable						
VB101 32/1	1	Cover					Custom design	-201
VB201 05/1	1	Label	49 x 8				Custom design	-201
VB202 25/1	1	Label						

*** Slut på rapporten ***

Pos	Art-Nr	Qty	Description	Value1	Value2	Value3	Value4	Remark1	Remark2
C01	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C02	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C03	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C04	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C05	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C06	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C07	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C08	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C09	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C10	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C11	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C12	PC301 20/A1U0	1	Tantal cap	1u	±20%	3216	20V		
C13	PC301 20/A1U0	1	Tantal cap	1u	±20%	3216	20V		
C14	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		
C15	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C16	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C17	PC301 20/A1U0	1	Tantal cap	1u	±20%	3216	20V		
C18	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C19	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C20	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C21	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C22	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		

Pos	Art-Nr	Qty	Description	Value1	Value2	Value3	Value4	Remark1	Remark2
C23	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C24	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C25	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C26	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C27	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C29	PC301 20/A1U0	1	Tantal cap	1u	±20%	3216	20V		
C30	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C31	PC301 20/A1U0	1	Tantal cap	1u	±20%	3216	20V		
C32	PC301 20/A1U0	1	Tantal cap	1u	±20%	3216	20V		
C33	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
D01	PQ111 01/1	1	Diode	BAV99		SOT23			
D02	PQ111 01/1	1	Diode	BAV99		SOT23			
D03	PQ111 01/1	1	Diode	BAV99		SOT23			
D04	PQ111 01/1	1	Diode	BAV99		SOT23			
D05	PQ111 01/1	1	Diode	BAV99		SOT23			
D06	PQ111 01/1	1	Diode	BAV99		SOT23			
D11	PQ301 01/3	1	LED	LG A670	green	SMD			
D12	PQ301 01/1	1	LED	LS A670	red	SMD			
D13	PQ301 01/2	1	LED	LY A670	yellow	SMD			
P01	PM212 14/1	1	Connector	48p euro					
Q01	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q02	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q11	PQ455 04/1	1	RS232 Transceiver	(MAX211)		SO28			
Q12	PQ411 01/1	1	Volt. Reg.	LP2951		SO8			

Pos	Art-Nr	Qty	Description	Value1	Value2	Value3	Value4	Remark1	Remark2
Q13	PQ441 11/1	1	Line driver	74HC240		SO20			
R01	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R02	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R03	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R04	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R05	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R06	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R07	PR603 12/10K	1	Resistor	10k	±1%	0603			
R08	PR603 12/10K	1	Resistor	10k	±1%	0603			
R09	PR603 12/10K	1	Resistor	10k	±1%	0603			
R10	PR603 12/10K	1	Resistor	10k	±1%	0603			
R11	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R12	PR603 12/10K	1	Resistor	10k	±1%	0603			
R13	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R14	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R15	PR603 12/10K	1	Resistor	10k	±1%	0603			
R16	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R17	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R18	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R19	PR603 12/47K	1	Resistor	47k	±1%	0603			
R20	PR603 12/47K	1	Resistor	47k	±1%	0603			
R21	PR603 12/47K	1	Resistor	47k	±1%	0603			
R22	PR603 12/47K	1	Resistor	47k	±1%	0603			
R23	PR603 12/1K0	1	Resistor	1k	±1%	0603			

Pos	Art-Nr	Qty	Description	Value1	Value2	Value3	Value4	Remark1	Remark2
W01	M112	1	PC Board	ALI				Custom design	
W02	VD201 01/1	1	Label	35 x 8				Custom design	
X01	PM215 02/1	1	Relay	(TF2SA)	1A		5VDC		
X02	PM215 02/1	1	Relay	(TF2SA)	1A		5VDC		

Product number: UA150 02/1-301 Base Unit, High Cover

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
01	VA101 61/2	1	Case base					CUSTOM DESIGN	-201
02	VD101 86/2	1	Case cover					CUSTOM DESIGN	-201
03	K105/1	2	DIA Board					CUSTOM DESIGN	
04	K111/1	1	LED Board					CUSTOM DESIGN	
05	K112/1	1	ALI Board					CUSTOM DESIGN	
06	VA101 51/2	2	Cover plate Assy					CUSTOM DESIGN	-201
07	VA101 65/1	1	Card guide compl.					CUSTOM DESIGN	-201
08	VA202 57/2	2	Fixing knob					CUSTOM DESIGN	-201
09	VD101 52/2	2	Right side supp.					CUSTOM DESIGN	-201
10	VD101 53/2	2	Left side supp.					CUSTOM DESIGN	-201
11	VD102 25/2	4	Insert base					CUSTOM DESIGN	-201
12	VD202 33/1	1	Grounding bolt					CUSTOM DESIGN	-201
13	VD101 69/2	1	Gasket					CUSTOM DESIGN	-201
14	VD101 64/1	2	Diod lens					CUSTOM DESIGN	-201
15	PV209 02/1	2	Locking washer	W18					
16	PV901 01/1	2	O-ring	7.1x1.6					
17	VD101 19/2	4	Insert cover					CUSTOM DESIGN	-201
18	VD202 22/2	2	Hinge					CUSTOM DESIGN	-201
19	VD101 56/2	2	Spacer					CUSTOM DESIGN	-201
20	VD202 19/2	2	Hinge pin					CUSTOM DESIGN	-201
21	VD202 46/1	2	Inlet cover					CUSTOM DESIGN	-201
22	VD101 41/3	2	Gasket					CUSTOM DESIGN	-201
23	VD202 17/2	2	Clamp					CUSTOM DESIGN	-201
24	VD101 10/2	2	Support					CUSTOM DESIGN	-201
25	PV203 01/6	4	Nasher	M6					

Product number: UA150 02/1-301 Base Unit, High Cover

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
26	PV103 06/60	4	Screw	M6 x 60					
27	VD101 80/1	2	Filter					Custom design	-201
28	PV901 15/3	4	Spring				1		
29	PV103 06/10	2	Screw	M6 x 10					
30	PV103 03/08	28	Screw	M3 x 8					
31	PV103 04/08	6	Screw	M4 x 8					
32	PV103 05/10	26	Screw	M5 x 10					
33	PV103 06/10	5	Screw	M6 x 10					
34	PV103 08/60	8	Screw	M8 x 60					
35	PV251 02/8	1	Nut	M8					
36	PV202 01/4	2	Washer	M4					
37	PV202 01/8	5	Washer	M8					
38	PV203 03/8	5	Washer	M8					
39	PV203 05/4	4	Washer	M4					
40	PM291 14/1	4	Cable tie	L=100, M=2.5 MM				UL 94 V-2	
41	VE007 01/1	2	Cable					Custom design	-201
42	VE007 03/1	2	Cable					Custom design	-201
43	VE007 07/1	4	Cable					Custom design	-201
44	VE007 08/1	1	Cable					Custom design	-201
45	VE007 22/2	1	Ground wire					CUSTOM DESIGN	-201
46	VE007 18/1	2	Cable					Custom design	-201
47	VE007 23/1	1	Cable					Custom design	-201
50	PV901 08/1	4	Label	16,5x9,5-8					Printfile:JORD
51	VD202 64/1	1	Label					CUSTOM DESIGN	-201
52	VD202 63/1	1	Label					CUSTOM DESIGN	-201

, *** Slut på rapporten ***

Pos	Art-Nr	Qty	Description	Value1	Value2	Value3	Value4	Remark1	Remark2
D1	PQ301 05/1	1	LED	HLMACL00	yellow	Ø5 1M			
D2	PQ301 04/1	1	LED	HLMP8103	red	Ø5 1M			
P1	PM212 15/4	1	Connector	1 x 4p	M				
W1	M111	1	PC Board	LED				Custom design	
W2	VD201 01/1	1	Label	35 x 8				Custom design	

Product number: K224/1-#01		PCB Assy		MRX 18/19 Board			Revision: PA5	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R825	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R826	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R827	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R828	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R829	PR603 12/22K	1	Resistor	22k	±1%	0603		
R830	PR603 12/22K	1	Resistor	22k	±1%	0603		
R831	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R832	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R841	PR603 12/47K	1	Resistor	47k	±1%	0603		
W1	M224	1	PC Board	MRX 18/19				Custom design
W10	VD202 11/1	1	Shielding cover					CUSTOM DESIGN
W11	PV901 17/1	1	Label	29x8-W				
W2	PM214 01/32	1	Socket			PLCC32		
W3	VD101 48/1	1	Shield box					Custom design
W4	VD202 08/1	1	Shielding wall					CUSTOM DESIGN
W5	VD202 08/1	1	Shielding wall					CUSTOM DESIGN
W6	VD202 09/1	1	Shielding wall					CUSTOM DESIGN
W7	VD101 49/1	1	Cover					Custom design
W8	VD202 10/1	1	Shielding cover					CUSTOM DESIGN
W9	VD202 10/1	1	Shielding cover					CUSTOM DESIGN
X101	PM244 06/2	1	SAW-filter RF	F6 L2	1960 MHz	SMD		
X131	PM244 06/1	1	SAW-filter RF	F6 L2	1880 MHz	SMD		
X501	PM243 02/1	1	Crystal filter	45.0 MHz	BW=30 KHz	SMD 5 X 7 MM	4-POL	
X502	PM243 02/1	1	Crystal filter	45.0 MHz	BW=30 KHz	SMD 5 X 7 MM	4-POL	
X701	PM202 02/1	1	Cer. Resonator	CSACC	16.00 MHz	SMD		

*** Slut på rapporten ***

Product number: K224/1-01		PCB Assy		MRX 18/19 Board			Revision: PAS		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C101	PC451 40/N22	1	RPI-cap	220p	0.2A	SMD	25V		
C102	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C103	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C104	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C105	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C106	PC101 315/P47	1	Capacitor cer	0.47p	NPO ±0.25p	0603	50V		
C107	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C108	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C109	PC101 315/P47	1	Capacitor cer	0.47p	NPO ±0.25p	0603	50V		
C110	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C111	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C112	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C113	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C114	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C115	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C116	PC101 315/P47	1	Capacitor cer	0.47p	NPO ±0.25p	0603	50V		
C117	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C118	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C119	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C120	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C121	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C131	PC451 40/N22	1	RPI-cap	220p	0.2A	SMD	25V		
C132	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C133	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C134	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		

Product number: K224/1.001		PCB Assy		MRX 18/19 Board			Revision: PA5		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C135	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C136	PC101 315/P47	1	Capacitor cer	0.47p	NPO ±0.25p	0603	50V		
C137	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C138	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C139	PC101 315/P47	1	Capacitor cer	0.47p	NPO ±0.25p	0603	50V		
C140	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C141	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C142	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C143	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C144	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C145	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C146	PC101 315/P47	1	Capacitor cer	0.47p	NPO ±0.25p	0603	50V		
C147	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C148	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C149	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C150	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C151	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C152	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C153	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C154	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C155	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C156	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C157	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C158	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C159	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		

Product number: K224/1-#01

PCB Assy

MRX 18/19 Board

Revision: PAS

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C160	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C201	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C202	MU	1	Not Used					Not mounted	
C203	MU	1	Not Used					Not mounted	
C204	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C205	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C206	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C207	MU	1	Not Used					Not mounted	
C208	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C209	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C210	PC101 315/1P2	1	Capacitor cer	1.2p	NPO ±0.25p	0603	50V		
C211	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C220	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C221	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C222	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C223	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C224	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C225	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C226	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C227	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C228	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C240	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C241	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C242	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C243	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K204/1-001		PCB Assy		MRX 18/19 Board			Revision: PA5		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C244	PC101 670/202	1	Capacitor cer	202	X7R ±10%	1206	10V		
C245	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C246	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C247	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C248	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C249	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C250	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C251	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C252	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C253	NU	1	Not Used					Not mounted	
C254	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C255	PC101 670/202	1	Capacitor cer	202	X7R ±10%	1206	10V		
C256	NU	1	Not Used					Not mounted	
C257	NU	1	Not Used					Not mounted	
C258	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C259	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C260	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C261	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C262	NU	1	Not Used					Not mounted	
C263	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C264	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C265	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C266	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C267	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C268	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K224/1-301		PCB Assy		MRX 18/19 Board			Revision: PAS		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C280	NU	1	Not Used					NOT mounted	
C281	NU	1	Not Used					Not mounted	
C282	PC101 315/3P3	1	Capacitor cer	3.3p	NPO ±0.25p	0603	50V		
C283	PC101 375/10M	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C284	PC301 10/2407	1	Tantal cap	4.7u	±20%	3216	10V		
C285	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C286	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C287	PC101 375/10M	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C288	PC101 375/10M	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C289	PC101 315/1P5	1	Capacitor cer	1.5p	NPO ±0.25p	0603	50V		
C290	PC101 315/1P0	1	Capacitor cer	1.0p	NPO ±0.25p	0603	50V		
C291	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C292	PC101 375/10M	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C293	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C294	PC101 375/10M	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C301	PC461 41/020	1	RFI-cap	200n	2A	SMD	50V		
C302	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C303	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C304	PC101 375/10M	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C305	PC101 570/202	1	Capacitor cer	202	X7R ±10%	1206	10V		
C306	PC101 570/202	1	Capacitor cer	202	X7R ±10%	1206	10V		
C307	PC101 375/10M	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C308	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C309	PC101 375/10M	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C310	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K224/1-#01		PCB Assy		MRX 18/19 Board			Revision: PA5		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C311	PC101 670/202	1	Capacitor cer	202	X7R ±10%	1206	10V		
C320	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C321	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C322	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C323	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C324	PC101 315/82P	1	Capacitor cer	82p	NPO ±5%	0603	50V		
C325	PC101 315/27P	1	Capacitor cer	27p	NPO ±5%	0603	50V		
C326	PC101 315/27P	1	Capacitor cer	27p	NPO ±5%	0603	50V		
C327	PC101 315/5P6	1	Capacitor cer	5.6p	NPO ±0.25p	0603	50V		
C328	NU	1	Not Used					Not mounted	
C329	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C330	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C331	PC101 315/1P2	1	Capacitor cer	1.2p	NPO ±0.25p	0603	50V		
C332	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C333	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C334	NU	1	Not Used					Not mounted	
C335	PC101 315/18P	1	Capacitor cer	18p	NPO ±5%	0603	50V		
C336	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C337	NU	1	Not Used					Not mounted	
C338	NU	1	Not Used					Not mounted	
C339	NU	1	Not Used					Not mounted	
C350	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C351	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C352	PC101 315/47P	1	Capacitor cer	47p	NPO ±5%	0603	50V		
C353	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		

Product number: K224/1-#01		PCB Assy		MRX 18/19 Board			Revision: PA5		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C354	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C355	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C356	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C370	PC101 315/82P	1	Capacitor cer	82p	NPO ±5%	0603	50V		
C371	PC101 315/27P	1	Capacitor cer	27p	NPO ±5%	0603	50V		
C372	PC101 315/27P	1	Capacitor cer	27p	NPO ±5%	0603	50V		
C373	PC101 315/57P	1	Capacitor cer	5.6p	NPO ±0.25p	0603	50V		
C374	NU	1	Not Used					Not mounted	
C376	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C376	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C377	PC101 315/1P2	1	Capacitor cer	1.2p	NPO ±0.25p	0603	50V		
C378	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C379	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C380	NU	1	Not Used					Not mounted	
C381	PC101 315/18P	1	Capacitor cer	18p	NPO ±5%	0603	50V		
C382	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C383	NU	1	Not Used					Not mounted	
C384	NU	1	Not Used					Not mounted	
C385	NU	1	Not Used					Not mounted	
C401	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C402	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C403	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C404	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C405	PC101 315/56P	1	Capacitor cer	56p	NPO ±5%	0603	50V		
C406	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		

Product number: K224/1-001		PCB Assy		MEX 18/19 Board			Revision: PAS		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C407	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C408	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		
C409	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C410	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C411	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C420	PC101 315/47P	1	Capacitor cer	47p	NP0 ±5%	0603	50V		
C421	PC101 315/M10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C422	PC101 315/47P	1	Capacitor cer	47p	NP0 ±5%	0603	50V		
C423	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C424	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C425	PC101 315/56P	1	Capacitor cer	56p	NP0 ±5%	0603	50V		
C426	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C427	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C428	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C429	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V		
C430	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C450	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		
C451	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		
C452	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		
C453	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		
C454	PC101 670/202	1	Capacitor cer	202	X7R ±10%	1206	10V		
C455	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		
C456	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C457	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		
C458	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V		

Product number: K224/1-#01		PCB Assy	MRK 18/19 Board	Revision: PAS			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1 Remark 2
C459	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V
C460	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V
C461	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V
C462	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V
C463	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V
C464	PC101 670/202	1	Capacitor cer	202	X7R ±10%	1206	10V
C465	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V
C466	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V
C467	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V
C468	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V
C469	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V
C470	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V
C471	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V
C472	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V
C480	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V
C481	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V
C482	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V
C483	PC101 315/497	1	Capacitor cer	4.7p	NP0 ±0.25p	0603	50V
C484	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V
C485	PC101 315/33P	1	Capacitor cer	33p	NP0 ±5%	0603	50V
C486	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V
C487	PC101 375/10N	1	Capacitor cer	10n	X7R ±10%	0603	50V
C488	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V
C489	PC101 315/5P6	1	Capacitor cer	5.6p	NP0 ±0.25p	0603	50V
C490	PC101 315/3P3	1	Capacitor cer	3.3p	NP0 ±0.25p	0603	50V

Product number: K123/2-301

PCB Assembly

CSA 19 Downlink

Revision: A

Fos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C127	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C128	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C129	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C130	PC401 01/10	1	Trim cap	2.5 ~ 10 p		SMD	25V		
C131	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C132	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C136	NU	1	Not Used					Not mounted	
C137	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C138	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C139	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C140	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C141	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C142	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C143	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C144	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C145	NU	1	Not Used					Not mounted	
C146	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C147	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C148	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C149	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C150	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C151	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C152	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C153	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C161	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C162	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C163	NU	1	Not Used					Not mounted	
C164	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C165	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C166	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C167	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C168	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C169	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C170	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C171	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C172	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C173	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C174	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C175	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C181	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C182	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C183	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C184	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C185	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C186	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C187	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C188	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C189	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C192	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C193	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C201	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C202	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C203	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C204	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C205	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C207	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C208	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C209	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C210	NU	1	Not Used					Not mounted	
C211	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C212	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C213	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C214	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C215	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C216	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C217	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C218	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C220	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C221	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C222	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C223	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C224	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C225	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C231	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C232	PC401 01/10	1	Trim cap	2.5 - 10 p		SMD	25V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C233	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C234	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C235	NU	1	Not Used					Not mounted	
C236	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C237	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C251	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C252	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C253	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C254	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C271	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C272	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C273	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C274	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C275	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C277	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C278	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C280	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C283	PC101 315/15P	1	Capacitor cer	15p	NPO ±5%	0603	50V		
C284	PC101 315/5P6	1	Capacitor cer	5.6p	NPO ±0.25p	0603	50V		
C288	PC101 315/5P6	1	Capacitor cer	5.6p	NPO ±0.25p	0603	50V		
C301	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C303	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C304	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C305	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C306	PC101 315/3P3	1	Capacitor cer	3.3p	NPO ±0.25p	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C307	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C308	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C309	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C310	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C311	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C312	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C313	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C314	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C321	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C322	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C323	NU	1	Not Used					Not mounted	
C324	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C325	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C326	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C327	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C328	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C329	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C330	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C331	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C332	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C333	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C334	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C335	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C336	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C337	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		

Product number: K123/2-301

PCB Assembly

CSA 19 Downlink

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C345	PC101 315/3P3	1	Capacitor cer	3.3p	NP0 ±0.25p	0603	50V		
C346	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C347	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C348	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C349	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C350	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C351	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C352	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C361	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C362	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C363	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C364	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C365	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C366	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C367	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C368	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C369	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C370	PC101 315/1P5	1	Capacitor cer	1.5p	NP0 ±0.25p	0603	50V		
C371	PC101 315/3P3	1	Capacitor cer	3.3p	NP0 ±0.25p	0603	50V		
C372	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C373	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C374	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C375	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C376	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C377	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		

Product number: K123/2-301

PCB Assembly

CSA 19 Downlink

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C381	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C382	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C383	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C384	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C385	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C386	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C387	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C388	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C389	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C390	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C391	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C392	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C393	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C394	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C395	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C396	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C397	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C398	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C401	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C402	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C403	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C404	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C405	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C406	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C407	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C408	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C409	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C410	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C411	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C412	NU	1	Not Used					Not mounted	
C413	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C414	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C415	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C416	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C417	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C418	NU	1	Not Used					Not mounted	
C419	NU	1	Not Used					Not mounted	
C420	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C421	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C422	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C423	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C424	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C425	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C426	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C427	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C428	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C429	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C430	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C431	NU	1	Not Used					Not mounted	
C432	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C433	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C434	PC101 300/FS	1	Capacitor cer	F8		0603		Factory Set value	
C435	PC101 315/1P2	1	Capacitor cer	1.2p	NPO ±0.25p	0603	50V		
C436	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C437	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C438	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C439	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C440	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C441	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C442	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C443	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C444	PC101 315/1P5	1	Capacitor cer	1.5p	NPO ±0.25p	0603	50V		
C445	PC101 315/1P0	1	Capacitor cer	1.0p	NPO ±0.25p	0603	50V		
C446	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C447	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C448	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C449	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C450	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C451	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C452	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C455	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C456	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C457	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C458	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C459	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C460	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C461	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C462	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C463	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C464	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C465	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C466	NU	1	Not Used					Not mounted	
C467	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C468	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C469	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C470	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C471	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C472	NU	1	Not Used					Not mounted	
C473	NU	1	Not Used					Not mounted	
C474	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C475	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C476	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C477	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C478	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C479	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C480	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C481	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C482	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C483	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C484	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C485	NU	1	Not Used						Not mounted
C486	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C487	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C488	PC101 315/1P2	1	Capacitor cer	1.2p	NP0 ±0.25p	0603	50V		
C489	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C490	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C491	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C492	PC101 315/1P5	1	Capacitor cer	1.5p	NP0 ±0.25p	0603	50V		
C502	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C503	PC101 315/22P	1	Capacitor cer	22p	NP0 ±5%	0603	50V		
C504	PC101 315/1P8	1	Capacitor cer	1.8p	NP0 ±0.25p	0603	50V		
C505	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C506	NU	1	Not Used						Not mounted
C507	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C508	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C509	PC101 315/1P2	1	Capacitor cer	1.2p	NP0 ±0.25p	0603	50V		
C510	PC101 315/22P	1	Capacitor cer	22p	NP0 ±5%	0603	50V		
C511	NU	1	Not Used						Not mounted
C512	NU	1	Not Used						Not mounted
C513	PC101 315/1P0	1	Capacitor cer	1.0p	NP0 ±0.25p	0603	50V		
C514	NU	1	Not Used						Not mounted
C515	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C516	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C517	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C518	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		

Product number: K123/2-301

PCB Assembly

CSA 19 Downlink

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C519	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C520	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C521	PC101 315/15P	1	Capacitor cer	15p	NP0 ±5%	0603	50V		
C522	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C523	PC101 315/15P	1	Capacitor cer	15p	NP0 ±5%	0603	50V		
C524	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C525	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C526	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C527	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C528	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C529	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C530	PC401 01/10	1	Trim cap	2.5 - 10 p		SMD	25V		
C531	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C532	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C536	NU	1	Not Used					Not mounted	
C537	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C538	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C539	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C540	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C541	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C542	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C543	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C544	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C545	NU	1	Not Used					Not mounted	
C546	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C547	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C548	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C549	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C550	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C551	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C552	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C553	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C561	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C562	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C563	NU	1	Not Used					Not mounted	
C564	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C565	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C566	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C567	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C568	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C569	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C570	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C571	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C572	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C573	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C574	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C575	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C581	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C582	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C583	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K123/2-301			PCB Assembly		CSA 19 Downlink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C584	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C585	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C586	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C587	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C588	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C589	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C592	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C593	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C601	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C602	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C603	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C604	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C605	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C607	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C608	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C609	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C610	NU	1	Not Used					Not mounted	
C611	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C612	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C613	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C614	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C615	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C616	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C617	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C618	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C620	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C621	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C622	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C623	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C624	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C625	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C631	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C632	PC401 01/10	1	Trim cap	2.5 - 10 p		SMD	25V		
C633	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C634	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C635	NU	1	Not Used					Not mounted	
C636	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C637	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C651	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C652	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C653	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C654	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C671	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C672	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C673	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C674	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C675	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C677	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C678	PC101 315/15P	1	Capacitor cer	15p	NP0 ±5%	0603	50V		
C680	PC101 315/15P	1	Capacitor cer	15p	NP0 ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C683	PC101 315/15P	1	Capacitor cer	15p	NP0 ±5%	0603	50V		
C684	PC101 315/5P6	1	Capacitor cer	5.6p	NP0 ±0.25p	0603	50V		
C688	PC101 315/5P6	1	Capacitor cer	5.6p	NP0 ±0.25p	0603	50V		
C701	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C703	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C704	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C705	PC101 315/22P	1	Capacitor cer	22p	NP0 ±5%	0603	50V		
C706	PC101 315/3P3	1	Capacitor cer	3.3p	NP0 ±0.25p	0603	50V		
C707	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C708	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C709	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C710	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C711	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C712	PC101 315/22P	1	Capacitor cer	22p	NP0 ±5%	0603	50V		
C713	PC101 315/22P	1	Capacitor cer	22p	NP0 ±5%	0603	50V		
C714	PC101 315/22P	1	Capacitor cer	22p	NP0 ±5%	0603	50V		
C721	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C722	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C723	NU	1	Not Used					Not mounted	
C724	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C725	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C726	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C727	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C728	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C729	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C730	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C731	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C732	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C733	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C734	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C735	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C736	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C737	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C745	PC101 315/3P3	1	Capacitor cer	3.3p	NPO ±0.25p	0603	50V		
C746	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C747	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C748	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C749	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C750	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C751	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C752	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C761	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C762	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C763	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C764	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C765	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C766	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C767	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C768	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C769	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C770	PC101 315/1P5	1	Capacitor cer	1.5p	NP0 ±0.25p	0603	50V		
C771	PC101 315/3P3	1	Capacitor cer	3.3p	NP0 ±0.25p	0603	50V		
C772	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C773	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C774	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C775	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C776	PC101 315/N10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C777	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C781	PC451 41/U20	1	RFI-cap	200n	2A	SMD	50V		
C782	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C783	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C784	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C785	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C786	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C787	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C788	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C789	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C790	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C791	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C792	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C793	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C794	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C795	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C796	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C797	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C798	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C801	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C802	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C803	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C804	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C805	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C806	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C807	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C808	PC101 315/N33	1	Capacitor cer	330p	NP0 ±5%	0603	50V		
C809	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C810	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C811	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C812	NU	1	Not Used					Not mounted	
C813	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C814	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C815	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C816	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C817	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C818	NU	1	Not Used					Not mounted	
C819	NU	1	Not Used					Not mounted	
C820	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C821	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C822	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C823	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C824	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C825	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C826	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C827	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C828	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C829	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C830	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C831	NU	1	Not Used					Not mounted	
C832	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C833	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C834	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C835	PC101 315/1P2	1	Capacitor cer	1.2p	NPO ±0.25p	0603	50V		
C836	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C837	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C838	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C839	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C840	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C841	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C842	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C843	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C844	PC101 315/1P5	1	Capacitor cer	1.5p	NPO ±0.25p	0603	50V		
C845	PC101 315/1P0	1	Capacitor cer	1.0p	NPO ±0.25p	0603	50V		
C846	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C847	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C848	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C849	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C850	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C851	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C852	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		
C855	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C856	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C857	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C858	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C859	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C860	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C861	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C862	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C863	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C864	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C865	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C866	NU	1	Not Used					Not mounted	
C867	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C868	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C869	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C870	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C871	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C872	NU	1	Not Used					Not mounted	
C873	NU	1	Not Used					Not mounted	
C874	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C875	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C876	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C877	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C878	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C879	PC301 35/A0U1	1	Tantal cap	0.1u	±20%	3216	35V		
C880	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C881	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C882	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C883	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C884	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C885	NU	1	Not Used					Not mounted	
C886	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C887	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C888	PC101 315/1P2	1	Capacitor cer	1.2p	NPO ±0.25p	0603	50V		
C889	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C890	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C891	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C892	PC101 315/1P5	1	Capacitor cer	1.5p	NPO ±0.25p	0603	50V		
C901	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C902	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C903	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C904	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C905	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C906	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C907	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C908	PC101 315/18P	1	Capacitor cer	18p	NPO ±5%	0603	50V		
C909	PC101 315/18P	1	Capacitor cer	18p	NPO ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C910	PC301 10/A4U7	1	Tantal cap	4.7u	±20%	3216	10V		
C911	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C912	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C913	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C914	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C915	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C916	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C917	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C918	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C919	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C920	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C921	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C922	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C923	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C924	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C925	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C926	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C927	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C928	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C929	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C930	NU	1	Not Used					Not mounted	
C931	NU	1	Not Used					Not mounted	
C932	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C933	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C934	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C935	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C936	NU	1	Not Used					Not mounted	
C937	NU	1	Not Used					Not mounted	
C941	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C942	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C943	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C944	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C945	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C946	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C947	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C948	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C949	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C950	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C951	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C952	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C953	NU	1	Not Used					Not mounted	
C954	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C955	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C956	PC301 16/B4U7	1	Tantal cap	4.7u	±20%	3528	16V		
C957	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C958	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C959	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C960	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C961	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C962	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C963	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C964	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C965	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C966	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C967	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C968	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C969	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C970	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C971	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C972	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C973	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C974	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C975	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C976	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C977	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C978	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C979	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C980	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C981	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C982	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C983	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
D101	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D102	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D111	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D112	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
D201	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D202	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D301	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D302	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D304	PQ121 01/1	1	Schottky diode	MA4CS103E		SOT143			
D306	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D401	PQ151 13/1	1	Cap-diode	SMV1104-34	6.5pF	SOD323			
D402	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D405	PQ151 13/1	1	Cap-diode	SMV1104-34	6.5pF	SOD323			
D501	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D502	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D511	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D512	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D601	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D602	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D701	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D702	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D704	PQ121 01/1	1	Schottky diode	MA4CS103E		SOT143			
D706	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D801	PQ151 13/1	1	Cap-diode	SMV1104-34	6.5pF	SOD323			
D802	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D805	PQ151 13/1	1	Cap-diode	SMV1104-34	6.5pF	SOD323			
D901	PQ111 01/1	1	Diode	BAV99		SOT23			
D902	PQ301 07/1	1	LED	(LS T670)	red	3528			
D903	PQ111 01/1	1	Diode	BAV99		SOT23			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
L101	PM106 01/2N2	1	Inductor	2.2n	±0.2	0603		
L102	PM106 01/4N7	1	Inductor	4.7n	±0.2	0603		
L103	PM106 01/5N6	1	Inductor	5.6n	±5%	0603		
L104	PM101 527/U22	1	Inductor	220n	±10%	0805		
L105	PM101 527/33N	1	Inductor	33n	±10%	0805		
L106	PM101 527/56N	1	Inductor	56n	±10%	0805		
L107	PM101 527/U22	1	Inductor	220n	±10%	0805		
L108	PM101 822/12N	1	Inductor	12n	±2%	1008		
L109	PM101 822/10N	1	Inductor	10n	±2%	1008		
L110	PM101 822/15N	1	Inductor	15n	±2%	1008		
L111	PM101 822/18N	1	Inductor	18n	±2%	1008		FS
L112	PM101 822/10N	1	Inductor	10n	±2%	1008		
L113	PM101 822/12N	1	Inductor	12n	±2%	1008		
L121	PM101 527/56N	1	Inductor	56n	±10%	0805		
L122	PM101 527/U22	1	Inductor	220n	±10%	0805		
L123	PM101 527/U22	1	Inductor	220n	±10%	0805		
L131	PM101 527/U22	1	Inductor	220n	±10%	0805		
L132	PM101 527/U22	1	Inductor	220n	±10%	0805		
L133	PM101 527/U22	1	Inductor	220n	±10%	0805		
L201	PM101 527/U22	1	Inductor	220n	±10%	0805		
L202	PM101 527/U22	1	Inductor	220n	±10%	0805		
L203	PM101 527/U22	1	Inductor	220n	±10%	0805		
L204	PM101 527/56N	1	Inductor	56n	±10%	0805		
L205	PM101 527/U22	1	Inductor	220n	±10%	0805		
L210	PM101 822/12N	1	Inductor	12n	±2%	1008		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
L211	PM101 822/10N	1	Inductor	10n	±2%	1008			
L212	PM101 822/15N	1	Inductor	15n	±2%	1008			
L213	PM101 822/18N	1	Inductor	18n	±2%	1008			FS
L214	PM101 822/10N	1	Inductor	10n	±2%	1008			
L215	PM101 822/12N	1	Inductor	12n	±2%	1008			
L221	NU	1	Not Used					Not mounted	
L225	PM101 527/022	1	Inductor	220n	±10%	0805			
L226	PM101 527/022	1	Inductor	220n	±10%	0805			
L227	PM101 825/47N	1	Inductor	47n	±5%	1008			
L228	PM101 825/68N	1	Inductor	68n	±5%	1008			
L230	PM101 825/68N	1	Inductor	68n	±5%	1008			
L231	PM101 825/47N	1	Inductor	47n	±5%	1008			
L301	PM106 01/2N2	1	Inductor	2.2n	±0.2	0603			
L305	PM101 527/56N	1	Inductor	56n	±10%	0805			
L307	PM101 527/56N	1	Inductor	56n	±10%	0805			
L311	PM101 527/56N	1	Inductor	56n	±10%	0805			
L312	PM106 01/2N2	1	Inductor	2.2n	±0.2	0603			
L313	PM106 01/2N2	1	Inductor	2.2n	±0.2	0603			
L401	PM101 527/56N	1	Inductor	56n	±10%	0805			
L402	PM101 527/56N	1	Inductor	56n	±10%	0805			
L403	PM101 527/56N	1	Inductor	56n	±10%	0805			
L404	PM101 527/56N	1	Inductor	56n	±10%	0805			
L407	PM101 527/56N	1	Inductor	56n	±10%	0805			
L408	PM101 527/56N	1	Inductor	56n	±10%	0805			
L501	PM106 01/2N2	1	Inductor	2.2n	±0.2	0603			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Fos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
L502	PM106 01/4N7	1	Inductor	4.7n	±0.2	0603			
L503	PM106 01/5N6	1	Inductor	5.6n	±5%	0603			
L504	PM101 527/U22	1	Inductor	220n	±10%	0805			
L505	PM101 527/33N	1	Inductor	33n	±10%	0805			
L506	PM101 527/56N	1	Inductor	56n	±10%	0805			
L507	PM101 527/U22	1	Inductor	220n	±10%	0805			
L508	PM101 822/12N	1	Inductor	12n	±2%	1008			
L509	PM101 822/10N	1	Inductor	10n	±2%	1008			
L510	PM101 822/15N	1	Inductor	15n	±2%	1008			
L511	PM101 822/18N	1	Inductor	18n	±2%	1008			FS
L512	PM101 822/10N	1	Inductor	10n	±2%	1008			
L513	PM101 822/12N	1	Inductor	12n	±2%	1008			
L521	PM101 527/56N	1	Inductor	56n	±10%	0805			
L522	PM101 527/U22	1	Inductor	220n	±10%	0805			
L523	PM101 527/U22	1	Inductor	220n	±10%	0805			
L531	PM101 527/U22	1	Inductor	220n	±10%	0805			
L532	PM101 527/U22	1	Inductor	220n	±10%	0805			
L533	PM101 527/U22	1	Inductor	220n	±10%	0805			
L601	PM101 527/U22	1	Inductor	220n	±10%	0805			
L602	PM101 527/U22	1	Inductor	220n	±10%	0805			
L603	PM101 527/U22	1	Inductor	220n	±10%	0805			
L604	PM101 527/56N	1	Inductor	56n	±10%	0805			
L605	PM101 527/U22	1	Inductor	220n	±10%	0805			
L610	PM101 822/12N	1	Inductor	12n	±2%	1008			
L611	PM101 822/10N	1	Inductor	10n	±2%	1008			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
L612	PM101 822/15N	1	Inductor	15n	±2%	1008			
L613	PM101 822/18N	1	Inductor	18n	±2%	1008			FS
L614	PM101 822/10N	1	Inductor	10n	±2%	1008			
L615	PM101 822/12N	1	Inductor	12n	±2%	1008			
L621	NU	1	Not Used					Not mounted	
L625	PM101 527/022	1	Inductor	220n	±10%	0805			
L626	PM101 527/022	1	Inductor	220n	±10%	0805			
L627	PM101 825/47N	1	Inductor	47n	±5%	1008			
L628	PM101 825/68N	1	Inductor	68n	±5%	1008			
L630	PM101 825/68N	1	Inductor	68n	±5%	1008			
L631	PM101 825/47N	1	Inductor	47n	±5%	1008			
L701	PM106 01/2N2	1	Inductor	2.2n	±0.2	0603			
L705	PM101 527/56N	1	Inductor	56n	±10%	0805			
L707	PM101 527/56N	1	Inductor	56n	±10%	0805			
L711	PM101 527/56N	1	Inductor	56n	±10%	0805			
L712	PM106 01/2N2	1	Inductor	2.2n	±0.2	0603			
L713	PM106 01/2N2	1	Inductor	2.2n	±0.2	0603			
L801	PM101 527/56N	1	Inductor	56n	±10%	0805			
L802	PM101 527/56N	1	Inductor	56n	±10%	0805			
L803	PM101 527/56N	1	Inductor	56n	±10%	0805			
L804	PM101 527/56N	1	Inductor	56n	±10%	0805			
L807	PM101 527/56N	1	Inductor	56n	±10%	0805			
L808	PM101 527/56N	1	Inductor	56n	±10%	0805			
P101	PM211 01/1	1	Coax conn	receptacle	MCX straight				
P102	NU	1	Not Used					Not mounted	

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
P301	PM211 01/1	1	Coax conn	receptacle	MCX straight				
P901	PM212 01/16	1	Connector	1 x 16p receptacle	gold plated				
P902	PM212 09/10	1	Connector	2 x 5p M	DIN41651				
Q101	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q102	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q103	PQ422 01/1	1	MIXER GaAs	CMY200		MW6			
Q104	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q105	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q111	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q112	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q114	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q121	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q123	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q124	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q131	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08			
Q201	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q203	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q204	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q205	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q206	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q213	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q214	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q215	PQ414 01/1	1	Log. Amplifier	(AD8307AR)		S08			
Q301	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q302	PQ231 15/1	1	RF-trans	BFP450		SOT343			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
Q305	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q306	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q307	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q309	PQ431 12/1	1	MMIC	UPC2709		SOP6			
Q311	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q312	PQ431 12/1	1	MMIC	UPC2709		SOP6			
Q313	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q314	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q316	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08			
Q317	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08			
Q401	PQ421 02/1	1	FLL	MB1517		SSOP16			
Q402	NU	1	Not Used					Not mounted	
Q403	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q404	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q405	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q406	PQ231 16/1	1	RF-trans	NE85630		SOT323			
Q407	PQ431 12/1	1	MMIC	UPC2709		SOP6			
Q408	PQ431 12/1	1	MMIC	UPC2709		SOP6			
Q411	PQ421 02/1	1	FLL	MB1517		SSOP16			
Q412	NU	1	Not Used					Not mounted	
Q413	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q414	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q415	PQ231 16/1	1	RF-trans	NE85630		SOT323			
Q501	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q502	PQ231 15/1	1	RF-trans	BFP450		SOT343			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
Q503	PQ422 01/1	1	MIXER GaAs	CMY200		MW6			
Q504	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q505	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q511	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q512	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q514	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q521	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q523	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q524	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q531	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08			
Q601	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q603	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q604	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q605	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q606	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q613	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q614	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q615	PQ414 01/1	1	Log. Amplifier	(AD8307AR)		S08			
Q701	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q702	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q705	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q706	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q707	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q709	PQ431 12/1	1	MMIC	UPC2709		SOP6			
Q711	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			

Product number: K123/2-301		PCB Assembly		CSA 19	Downlink	Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
Q712	PQ431 12/1	1	MMIC	UPC2709		SOP6			
Q713	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q714	PQ231 15/1	1	RF-trans	BFP450		SOT343			
Q716	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08			
Q717	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08			
Q801	PQ421 02/1	1	PLL	MB1517		SSOP16			
Q802	NU	1	Not Used					Not mounted	
Q803	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q804	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q805	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q806	PQ231 16/1	1	RF-trans	NE85630		SOT323			
Q807	PQ431 12/1	1	MMIC	UPC2709		SOP6			
Q808	PQ431 12/1	1	MMIC	UPC2709		SOP6			
Q811	PQ421 02/1	1	PLL	MB1517		SSOP16			
Q812	NU	1	Not Used					Not mounted	
Q813	PQ211 12/1	1	Transistor	(BCX71J)		SOT23			
Q814	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q815	PQ231 16/1	1	RF-trans	NE85630		SOT323			
Q901	PQ452 01/1	1	Low volt. det.	MC33064		S08			
Q902	PQ441 14/1	1	Quad 2-inp XOR	74HC86		S014			
Q903	PQ455 03/1	1	RS485 Transceiver	MAX485		S08			
Q904	PQ454 09/1	1	EEPROM	24C02	256 x 8	S08			
Q905	PQ451 01/2	1	µ-proc	(MC68HC711E20)		PLCC52			
Q911	PQ411 01/1	1	Volt. Reg.	LP2951		S08			
Q912	PQ453 02/1	1	DAC	AD8803		S016			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
Q913	PQ453 02/1	1	DAC	AD8803		S016		
Q914	PQ441 10/1	1	Analog mux/demux	74HC4052		S016		
Q915	PQ441 10/1	1	Analog mux/demux	74HC4052		S016		
R101	PR603 12/100	1	Resistor	100	±1%	0603		
R102	MU	1	Not Used				Not mounted	
R103	PR603 12/10K	1	Resistor	10k	±1%	0603		FS
R104	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R105	PR603 12/150	1	Resistor	150	±1%	0603		
R106	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R107	PR603 12/068	1	Resistor	68	±1%	0603		
R108	PR603 12/150	1	Resistor	150	±1%	0603		
R109	PR603 12/470	1	Resistor	470	±1%	0603		
R110	PR603 12/3K3	1	Resistor	3.3k	±1%	0603		
R111	PR603 12/100	1	Resistor	100	±1%	0603		
R112	PR603 12/100	1	Resistor	100	±1%	0603		
R113	PR603 12/220	1	Resistor	220	±1%	0603		
R114	PR603 12/033	1	Resistor	33	±1%	0603		
R115	PR603 12/220	1	Resistor	220	±1%	0603		
R116	PR603 12/010	1	Resistor	10	±1%	0603		
R117	PR603 12/010	1	Resistor	10	±1%	0603		
R118	PR603 12/10K	1	Resistor	10k	±1%	0603		FS
R119	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R120	PR603 12/6K8	1	Resistor	6.8k	±1%	0603		
R121	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R122	PR603 12/100	1	Resistor	100	±1%	0603		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R123	PR603 12/100	1	Resistor	100	±1%	0603			
R124	PR603 12/330	1	Resistor	330	±1%	0603			
R125	PR603 12/033	1	Resistor	33	±1%	0603			
R126	PR603 12/010	1	Resistor	10	±1%	0603			
R127	PR603 12/010	1	Resistor	10	±1%	0603			
R128	PR603 12/033	1	Resistor	33	±1%	0603			
R129	PR603 12/330	1	Resistor	330	±1%	0603			
R130	PR603 12/018	1	Resistor	18	±1%	0603			
R131	PR603 12/330	1	Resistor	330	±1%	0603			
R132	NU	1	Not Used					Not mounted	
R136	PR603 12/10K	1	Resistor	10k	±1%	0603			FS
R137	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R138	PR603 12/6K8	1	Resistor	6.8k	±1%	0603			
R139	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R140	PR603 12/100	1	Resistor	100	±1%	0603			
R141	PR603 12/100	1	Resistor	100	±1%	0603			
R142	PR603 12/330	1	Resistor	330	±1%	0603			
R143	PR603 12/010	1	Resistor	10	±1%	0603			
R144	PR603 12/033	1	Resistor	33	±1%	0603			
R145	PR603 12/010	1	Resistor	10	±1%	0603			
R146	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R147	PR603 12/033	1	Resistor	33	±1%	0603			
R148	PR603 12/560	1	Resistor	560	±1%	0603			
R149	PR603 12/33K	1	Resistor	33k	±1%	0603			
R150	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R151	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R152	PR603 12/560	1	Resistor	560	±1%	0603			
R153	PR301 175/220	1	NTC-res	220	±10%	0805			
R154	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R155	PR301 175/1K0	1	NTC-res	1k	±10%	0805			
R156	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R157	PR603 12/330	1	Resistor	330	±1%	0603			
R158	PR603 12/10K	1	Resistor	10k	±1%	0603			
R159	PR603 12/560	1	Resistor	560	±1%	0603			
R160	PR603 12/220	1	Resistor	220	±1%	0603			
R161	PR603 12/022	1	Resistor	22	±1%	0603			
R162	PR603 12/330	1	Resistor	330	±1%	0603			
R163	PR301 175/220	1	NTC-res	220	±10%	0805			
R164	PR603 12/220	1	Resistor	220	±1%	0603			
R171	PR603 12/10K	1	Resistor	10k	±1%	0603			FS
R172	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R173	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R174	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R175	PR603 12/33K	1	Resistor	33k	±1%	0603			
R176	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R177	PR603 12/100	1	Resistor	100	±1%	0603			
R178	PR603 12/470	1	Resistor	470	±1%	0603			
R179	PR603 12/680	1	Resistor	680	±1%	0603			
R180	PR603 54/4R7	1	Resistor	4.7	±5%	0603			
R181	PR603 12/068	1	Resistor	68	±1%	0603			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Poa	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R182	PR603 54/4R7	1	Resistor	4.7	±5%	0603			
R183	PR603 12/068	1	Resistor	68	±1%	0603			
R184	PR603 12/560	1	Resistor	560	±1%	0603			
R185	PR603 12/560	1	Resistor	560	±1%	0603			
R186	PR301 175/220	1	NTC-res	220	±10%	0805			
R187	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R188	PR603 12/10K	1	Resistor	10k	±1%	0603			
R189	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R190	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R191	PR301 175/1K0	1	NTC-res	1k	±10%	0805			
R192	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R193	PR603 12/330	1	Resistor	330	±1%	0603			
R194	PR603 12/560	1	Resistor	560	±1%	0603			
R197	PR603 12/10K	1	Resistor	10k	±1%	0603			
R198	PR603 12/47K	1	Resistor	47k	±1%	0603			
R201	PR603 12/220	1	Resistor	220	±1%	0603			
R202	PR603 12/330	1	Resistor	330	±1%	0603			
R203	PR603 12/022	1	Resistor	22	±1%	0603			
R204	PR603 12/220	1	Resistor	220	±1%	0603			
R205	PR301 175/220	1	NTC-res	220	±10%	0805			
R206	PR603 12/10K	1	Resistor	10k	±1%	0603			F5
R207	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R208	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R209	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R210	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R211	PR603 12/100	1	Resistor	100	±1%	0603		
R212	PR603 12/470	1	Resistor	470	±1%	0603		
R213	PR603 12/680	1	Resistor	680	±1%	0603		
R214	PR603 54/4R7	1	Resistor	4.7	±5%	0603		
R215	PR603 12/068	1	Resistor	68	±1%	0603		
R216	PR603 54/4R7	1	Resistor	4.7	±5%	0603		
R217	PR603 12/068	1	Resistor	68	±1%	0603		
R218	PR603 12/560	1	Resistor	560	±1%	0603		
R219	PR603 12/33K	1	Resistor	33k	±1%	0603		
R220	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R221	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R222	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R223	PR301 175/1K0	1	NTC-res	1k	±10%	0805		
R224	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R225	PR603 12/330	1	Resistor	330	±1%	0603		
R226	PR603 12/560	1	Resistor	560	±1%	0603		
R227	PR603 12/560	1	Resistor	560	±1%	0603		
R228	PR301 175/220	1	NTC-res	220	±10%	0805		
R229	PR603 12/10K	1	Resistor	10k	±1%	0603		
R230	PR603 12/220	1	Resistor	220	±1%	0603		
R231	PR603 12/330	1	Resistor	330	±1%	0603		
R232	PR603 12/022	1	Resistor	22	±1%	0603		
R233	PR603 12/220	1	Resistor	220	±1%	0603		
R234	PR301 175/220	1	NTC-res	220	±10%	0805		
R235	PR603 12/10K	1	Resistor	10k	±1%	0603		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R236	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R237	PR603 12/6K8	1	Resistor	6.8k	±1%	0603		
R238	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R239	PR603 12/100	1	Resistor	100	±1%	0603		
R240	PR603 12/100	1	Resistor	100	±1%	0603		
R241	PR603 12/330	1	Resistor	330	±1%	0603		
R242	PR603 12/033	1	Resistor	33	±1%	0603		
R243	PR603 12/010	1	Resistor	10	±1%	0603		
R244	PR603 12/010	1	Resistor	10	±1%	0603		
R245	PR603 12/033	1	Resistor	33	±1%	0603		
R251	PR603 12/330	1	Resistor	330	±1%	0603		
R252	PR603 12/018	1	Resistor	18	±1%	0603		
R253	PR603 12/330	1	Resistor	330	±1%	0603		
R261	PR603 12/010	1	Resistor	10	±1%	0603		
R262	NU	1	Not Used				Not mounted	
R263	NU	1	Not Used				Not mounted	
R264	PR603 12/47K	1	Resistor	47k	±1%	0603		
R265	PR603 12/M33	1	Resistor	330k	±1%	0603		
R275	PR603 12/10K	1	Resistor	10k	±1%	0603		FS
R276	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R277	PR603 12/6K8	1	Resistor	6.8k	±1%	0603		
R278	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R279	PR603 12/470	1	Resistor	470	±1%	0603		
R280	PR603 12/100	1	Resistor	100	±1%	0603		
R281	PR603 12/680	1	Resistor	680	±1%	0603		

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R282	PR603 12/033	1	Resistor	33	±1%	0603			
R283	PR603 12/033	1	Resistor	33	±1%	0603			
R284	PR603 54/4R7	1	Resistor	4.7	±5%	0603			
R285	PR603 54/4R7	1	Resistor	4.7	±5%	0603			
R286	PR603 12/470	1	Resistor	470	±1%	0603			
R292	PR603 12/330	1	Resistor	330	±1%	0603			
R293	PR603 12/018	1	Resistor	18	±1%	0603			
R295	PR603 12/330	1	Resistor	330	±1%	0603			
R301	PR603 12/330	1	Resistor	330	±1%	0603			
R302	PR603 12/018	1	Resistor	18	±1%	0603			
R303	PR603 12/330	1	Resistor	330	±1%	0603			
R304	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R305	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R307	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R308	PR603 12/470	1	Resistor	470	±1%	0603			
R309	PR603 12/680	1	Resistor	680	±1%	0603			
R310	PR603 12/047	1	Resistor	47	±1%	0603			
R311	PR603 12/047	1	Resistor	47	±1%	0603			
R320	PR603 12/560	1	Resistor	560	±1%	0603			
R321	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R322	NU	1	Not Used					Not mounted	
R323	PR603 12/33K	1	Resistor	33k	±1%	0603			
R324	PR603 00/0	1	Resistor	0		0603			
R325	NU	1	Not Used					Not mounted	
R326	PR603 12/560	1	Resistor	560	±1%	0603			

Product number: K123/2+301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R327	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R328	PR301 175/220	1	NTC-res	220	±10%	0805			
R329	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R330	PR603 12/10K	1	Resistor	10k	±1%	0603			
R331	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R332	PR301 175/1K0	1	NTC-res	1k	±10%	0805			
R333	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R334	PR603 12/330	1	Resistor	330	±1%	0603			
R335	PR603 12/560	1	Resistor	560	±1%	0603			
R336	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R337	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R338	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R339	PR603 12/680	1	Resistor	680	±1%	0603			
R340	PR603 12/100	1	Resistor	100	±1%	0603			
R341	PR603 12/047	1	Resistor	47	±1%	0603			
R342	PR603 12/047	1	Resistor	47	±1%	0603			
R343	PR603 12/100	1	Resistor	100	±1%	0603			
R345	PR603 12/018	1	Resistor	18	±1%	0603			
R346	PR603 12/330	1	Resistor	330	±1%	0603			
R347	PR603 12/330	1	Resistor	330	±1%	0603			
R355	PR603 12/330	1	Resistor	330	±1%	0603			
R356	PR603 12/010	1	Resistor	10	±1%	0603			
R357	PR603 00/0	1	Resistor	0		0603			
R358	PR603 12/33K	1	Resistor	33k	±1%	0603			
R359	PR603 12/470	1	Resistor	470	±1%	0603			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R360	PR603 12/470	1	Resistor	470	±1%	0603			
R361	PR603 12/47K	1	Resistor	47k	±1%	0603			
R371	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R372	NU	1	Not Used					Not mounted	
R373	PR603 12/010	1	Resistor	10	±1%	0603			
R374	NU	1	Not Used					Not mounted	
R375	PR603 12/470	1	Resistor	470	±1%	0603			
R376	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R377	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R378	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R379	PR603 12/680	1	Resistor	680	±1%	0603			
R380	PR603 12/100	1	Resistor	100	±1%	0603			
R381	PR603 12/047	1	Resistor	47	±1%	0603			
R382	PR603 12/047	1	Resistor	47	±1%	0603			
R383	PR603 12/470	1	Resistor	470	±1%	0603			
R384	PR603 12/010	1	Resistor	10	±1%	0603			
R385	PR603 12/470	1	Resistor	470	±1%	0603			
R386	PR603 12/10K	1	Resistor	10k	±1%	0603			
R387	PR603 12/47K	1	Resistor	47k	±1%	0603			
R391	PR603 12/47K	1	Resistor	47k	±1%	0603			
R401	PR603 12/22K	1	Resistor	22k	±1%	0603			
R402	PR603 12/22K	1	Resistor	22k	±1%	0603			
R403	PR603 12/22K	1	Resistor	22k	±1%	0603			
R404	PR603 12/10K	1	Resistor	10k	±1%	0603			
R405	PR603 12/010	1	Resistor	10	±1%	0603			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R406	PR603 12/33K	1	Resistor	33k	±1%	0603		
R407	PR603 12/33K	1	Resistor	33k	±1%	0603		
R408	PR603 12/33K	1	Resistor	33k	±1%	0603		
R409	PR603 12/150	1	Resistor	150	±1%	0603		
R410	PR603 12/220	1	Resistor	220	±1%	0603		
R411	NU	1	Not Used					Not mounted
R412	NU	1	Not Used					Not mounted
R413	NU	1	Not Used					Not mounted
R414	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R415	NU	1	Not Used					Not mounted
R416	PR603 12/1M0	1	Resistor	1M	±1%	0603		
R417	NU	1	Not Used					Not mounted
R418	PR603 12/470	1	Resistor	470	±1%	0603		
R419	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R420	PR603 12/1M0	1	Resistor	1M	±1%	0603		
R421	PR603 12/33K	1	Resistor	33k	±1%	0603		
R422	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R423	PR603 12/33K	1	Resistor	33k	±1%	0603		
R424	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R425	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R426	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R427	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R428	PR603 12/047	1	Resistor	47	±1%	0603		
R429	NU	1	Not Used					Not mounted
R430	PR603 12/010	1	Resistor	10	±1%	0603		

Product number: K123/2-301

PCB Assembly

CSA 19 Downlink

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R431	PR603 12/047	1	Resistor	47	±1%	0603			
R432	PR603 12/047	1	Resistor	47	±1%	0603			
R433	PR603 12/100	1	Resistor	100	±1%	0603			
R434	NU	1	Not Used					Not mounted	
R435	PR603 12/010	1	Resistor	10	±1%	0603			
R436	PR603 12/150	1	Resistor	150	±1%	0603			
R437	PR603 12/068	1	Resistor	68	±1%	0603			
R438	PR603 12/150	1	Resistor	150	±1%	0603			
R451	PR603 12/22K	1	Resistor	22k	±1%	0603			
R452	PR603 12/22K	1	Resistor	22k	±1%	0603			
R453	PR603 12/22K	1	Resistor	22k	±1%	0603			
R454	PR603 12/10K	1	Resistor	10k	±1%	0603			
R455	PR603 12/010	1	Resistor	10	±1%	0603			
R456	PR603 12/33K	1	Resistor	33k	±1%	0603			
R457	PR603 12/33K	1	Resistor	33k	±1%	0603			
R458	PR603 12/33K	1	Resistor	33k	±1%	0603			
R459	PR603 12/150	1	Resistor	150	±1%	0603			
R460	PR603 12/220	1	Resistor	220	±1%	0603			
R461	NU	1	Not Used					Not mounted	
R462	NU	1	Not Used					Not mounted	
R463	NU	1	Not Used					Not mounted	
R464	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R465	NU	1	Not Used					Not mounted	
R466	NU	1	Not Used					Not mounted	
R467	PR603 12/1M0	1	Resistor	1M	±1%	0603			

Product number: K123/2-301

PCB Assembly

CSA 19 Downlink

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R468	PR603 12/470	1	Resistor	470	±1%	0603			
R469	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R470	PR603 12/1M0	1	Resistor	1M	±1%	0603			
R471	PR603 12/33K	1	Resistor	33k	±1%	0603			
R472	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R473	PR603 12/33K	1	Resistor	33k	±1%	0603			
R474	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R475	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R476	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R477	PR603 12/047	1	Resistor	47	±1%	0603			
R478	PR603 12/047	1	Resistor	47	±1%	0603			
R479	PR603 12/047	1	Resistor	47	±1%	0603			
R503	PR603 12/10K	1	Resistor	10k	±1%	0603			FS
R504	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R505	PR603 12/150	1	Resistor	150	±1%	0603			
R506	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R507	PR603 12/068	1	Resistor	68	±1%	0603			
R508	PR603 12/150	1	Resistor	150	±1%	0603			
R509	PR603 12/470	1	Resistor	470	±1%	0603			
R510	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R511	PR603 12/100	1	Resistor	100	±1%	0603			
R512	PR603 12/100	1	Resistor	100	±1%	0603			
R513	PR603 12/220	1	Resistor	220	±1%	0603			
R514	PR603 12/033	1	Resistor	33	±1%	0603			
R515	PR603 12/220	1	Resistor	220	±1%	0603			

Product number: K123/2-301

PCB Assembly

CSA 19 Downlink

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R516	PR603 12/010	1	Resistor	10	±1%	0603			
R517	PR603 12/010	1	Resistor	10	±1%	0603			
R518	PR603 12/10K	1	Resistor	10k	±1%	0603			FS
R519	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R520	PR603 12/6K8	1	Resistor	6.8k	±1%	0603			
R521	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R522	PR603 12/100	1	Resistor	100	±1%	0603			
R523	PR603 12/100	1	Resistor	100	±1%	0603			
R524	PR603 12/330	1	Resistor	330	±1%	0603			
R525	PR603 12/033	1	Resistor	33	±1%	0603			
R526	PR603 12/010	1	Resistor	10	±1%	0603			
R527	PR603 12/010	1	Resistor	10	±1%	0603			
R528	PR603 12/033	1	Resistor	33	±1%	0603			
R529	PR603 12/330	1	Resistor	330	±1%	0603			
R530	PR603 12/018	1	Resistor	18	±1%	0603			
R531	PR603 12/330	1	Resistor	330	±1%	0603			
R536	PR603 12/10K	1	Resistor	10k	±1%	0603			FS
R537	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R538	PR603 12/6K8	1	Resistor	6.8k	±1%	0603			
R539	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R540	PR603 12/100	1	Resistor	100	±1%	0603			
R541	PR603 12/100	1	Resistor	100	±1%	0603			
R542	PR603 12/330	1	Resistor	330	±1%	0603			
R543	PR603 12/010	1	Resistor	10	±1%	0603			
R544	PR603 12/033	1	Resistor	33	±1%	0603			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink		Revision: A			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R545	PR603 12/010	1	Resistor	10	±1%	0603			
R546	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R547	PR603 12/033	1	Resistor	33	±1%	0603			
R548	PR603 12/560	1	Resistor	560	±1%	0603			
R549	PR603 12/33K	1	Resistor	33k	±1%	0603			
R550	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R551	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R552	PR603 12/560	1	Resistor	560	±1%	0603			
R553	PR301 175/220	1	NTC-res	220	±10%	0805			
R554	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R555	PR301 175/1K0	1	NTC-res	1k	±10%	0805			
R556	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R557	PR603 12/330	1	Resistor	330	±1%	0603			
R558	PR603 12/10K	1	Resistor	10k	±1%	0603			
R559	PR603 12/560	1	Resistor	560	±1%	0603			
R560	PR603 12/220	1	Resistor	220	±1%	0603			
R561	PR603 12/022	1	Resistor	22	±1%	0603			
R562	PR603 12/330	1	Resistor	330	±1%	0603			
R563	PR301 175/220	1	NTC-res	220	±10%	0805			
R564	PR603 12/220	1	Resistor	220	±1%	0603			
R571	PR603 12/10K	1	Resistor	10k	±1%	0603			
R572	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R573	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R574	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R575	PR603 12/33K	1	Resistor	33k	±1%	0603			

Product number: K123/2-301		PCB Assembly		CSA 19 Downlink			Revision: A	
Poa	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R576	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R577	PR603 12/100	1	Resistor	100	±1%	0603		
R578	PR603 12/470	1	Resistor	470	±1%	0603		
R579	PR603 12/680	1	Resistor	680	±1%	0603		
R580	PR603 54/4R7	1	Resistor	4.7	±5%	0603		
R581	PR603 12/068	1	Resistor	68	±1%	0603		
R582	PR603 54/4R7	1	Resistor	4.7	±5%	0603		
R583	PR603 12/068	1	Resistor	68	±1%	0603		
R584	PR603 12/560	1	Resistor	560	±1%	0603		
R585	PR603 12/560	1	Resistor	560	±1%	0603		
R586	PR301 175/220	1	NTC-res	220	±10%	0805		
R587	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R588	PR603 12/10K	1	Resistor	10k	±1%	0603		
R589	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R590	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R591	PR301 175/1K0	1	NTC-res	1k	±10%	0805		
R592	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R593	PR603 12/330	1	Resistor	330	±1%	0603		
R594	PR603 12/560	1	Resistor	560	±1%	0603		
R597	PR603 12/10K	1	Resistor	10k	±1%	0603		
R598	PR603 12/47K	1	Resistor	47k	±1%	0603		
R601	PR603 12/220	1	Resistor	220	±1%	0603		
R602	PR603 12/330	1	Resistor	330	±1%	0603		
R603	PR603 12/022	1	Resistor	22	±1%	0603		
R604	PR603 12/220	1	Resistor	220	±1%	0603		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R151	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R152	PR603 12/560	1	Resistor	560	±1%	0603		
R153	PR301 175/220	1	NTC-res	220	±10%	0805		
R154	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R155	PR301 175/1K0	1	NTC-res	1k	±10%	0805		
R156	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R157	PR603 12/330	1	Resistor	330	±1%	0603		
R158	PR603 12/10K	1	Resistor	10k	±1%	0603		
R159	PR603 12/560	1	Resistor	560	±1%	0603		
R160	PR603 12/220	1	Resistor	220	±1%	0603		
R161	PR603 12/022	1	Resistor	22	±1%	0603		
R162	PR603 12/330	1	Resistor	330	±1%	0603		
R163	PR301 175/220	1	NTC-res	220	±10%	0805		
R164	PR603 12/220	1	Resistor	220	±1%	0603		
R171	PR603 12/10K	1	Resistor	10k	±1%	0603		FS
R172	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R173	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R174	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R175	PR603 12/33K	1	Resistor	33k	±1%	0603		
R176	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R177	PR603 12/100	1	Resistor	100	±1%	0603		
R178	PR603 12/470	1	Resistor	470	±1%	0603		
R179	PR603 12/680	1	Resistor	680	±1%	0603		
R180	PR603 54/4R7	1	Resistor	4.7	±5%	0603		
R181	PR603 12/060	1	Resistor	60	±1%	0603		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R182	PR603 54/4R7	1	Resistor	4.7	±5%	0603		
R183	PR603 12/068	1	Resistor	68	±1%	0603		
R184	PR603 12/560	1	Resistor	560	±1%	0603		
R185	PR603 12/560	1	Resistor	560	±1%	0603		
R186	PR301 175/220	1	NTC-res	220	±10%	0805		
R187	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R188	PR603 12/10K	1	Resistor	10k	±1%	0603		
R189	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R190	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R191	PR301 175/1K0	1	NTC-res	1k	±10%	0805		
R192	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R193	PR603 12/330	1	Resistor	330	±1%	0603		
R194	PR603 12/560	1	Resistor	560	±1%	0603		
R197	PR603 12/10K	1	Resistor	10k	±1%	0603		
R198	PR603 12/47K	1	Resistor	47k	±1%	0603		
R201	PR603 12/220	1	Resistor	220	±1%	0603		
R202	PR603 12/330	1	Resistor	330	±1%	0603		
R203	PR603 12/022	1	Resistor	22	±1%	0603		
R204	PR603 12/220	1	Resistor	220	±1%	0603		
R205	PR301 175/220	1	NTC-res	220	±10%	0805		
R206	PR603 12/10K	1	Resistor	10k	±1%	0603		FS
R207	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R208	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R209	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R210	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R211	PR603 12/100	1	Resistor	100	±1%	0603			
R212	PR603 12/470	1	Resistor	470	±1%	0603			
R213	PR603 12/680	1	Resistor	680	±1%	0603			
R214	PR603 54/4R7	1	Resistor	4.7	±5%	0603			
R215	PR603 12/068	1	Resistor	68	±1%	0603			
R216	PR603 54/4R7	1	Resistor	4.7	±5%	0603			
R217	PR603 12/068	1	Resistor	68	±1%	0603			
R218	PR603 12/560	1	Resistor	560	±1%	0603			
R219	PR603 12/33K	1	Resistor	33k	±1%	0603			
R220	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R221	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R222	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R223	PR301 175/1K0	1	NTC-res	1k	±10%	0805			
R224	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R225	PR603 12/330	1	Resistor	330	±1%	0603			
R226	PR603 12/560	1	Resistor	560	±1%	0603			
R227	PR603 12/560	1	Resistor	560	±1%	0603			
R228	PR301 175/220	1	NTC-res	220	±10%	0805			
R229	PR603 12/10K	1	Resistor	10k	±1%	0603			
R230	PR603 12/220	1	Resistor	220	±1%	0603			
R231	PR603 12/330	1	Resistor	330	±1%	0603			
R232	PR603 12/022	1	Resistor	22	±1%	0603			
R233	PR603 12/220	1	Resistor	220	±1%	0603			
R234	PR301 175/220	1	NTC-res	220	±10%	0805			
R235	PR603 12/10K	1	Resistor	10k	±1%	0603			

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R236	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R237	PR603 12/6K8	1	Resistor	6.8k	±1%	0603		
R238	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R239	PR603 12/100	1	Resistor	100	±1%	0603		
R240	PR603 12/100	1	Resistor	100	±1%	0603		
R241	PR603 12/330	1	Resistor	330	±1%	0603		
R242	PR603 12/033	1	Resistor	33	±1%	0603		
R243	PR603 12/010	1	Resistor	10	±1%	0603		
R244	PR603 12/010	1	Resistor	10	±1%	0603		
R245	PR603 12/033	1	Resistor	33	±1%	0603		
R251	PR603 12/330	1	Resistor	330	±1%	0603		
R252	PR603 12/018	1	Resistor	18	±1%	0603		
R253	PR603 12/330	1	Resistor	330	±1%	0603		
R261	PR603 12/010	1	Resistor	10	±1%	0603		
R262	NU	1	Not Used					Not mounted
R263	NU	1	Not Used					Not mounted
R264	PR603 12/47K	1	Resistor	47k	±1%	0603		
R265	PR603 12/M33	1	Resistor	330k	±1%	0603		
R275	PR603 12/10K	1	Resistor	10k	±1%	0603		FS
R276	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R277	PR603 12/6K8	1	Resistor	6.8k	±1%	0603		
R278	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R279	PR603 12/470	1	Resistor	470	±1%	0603		
R280	PR603 12/100	1	Resistor	100	±1%	0603		
R281	PR603 12/680	1	Resistor	680	±1%	0603		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R282	PR603 12/033	1	Resistor	33	±1%	0603			
R283	PR603 12/033	1	Resistor	33	±1%	0603			
R284	PR603 54/4R7	1	Resistor	4.7	±5%	0603			
R285	PR603 54/4R7	1	Resistor	4.7	±5%	0603			
R286	PR603 12/470	1	Resistor	470	±1%	0603			
R292	PR603 12/330	1	Resistor	330	±1%	0603			
R293	PR603 12/018	1	Resistor	18	±1%	0603			
R295	PR603 12/330	1	Resistor	330	±1%	0603			
R301	PR603 12/330	1	Resistor	330	±1%	0603			
R302	PR603 12/018	1	Resistor	18	±1%	0603			
R303	PR603 12/330	1	Resistor	330	±1%	0603			
R304	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R305	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R307	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R308	PR603 12/470	1	Resistor	470	±1%	0603			
R309	PR603 12/680	1	Resistor	680	±1%	0603			
R310	PR603 12/047	1	Resistor	47	±1%	0603			
R311	PR603 12/047	1	Resistor	47	±1%	0603			
R320	PR603 12/560	1	Resistor	560	±1%	0603			
R321	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R322	NU	1	Not Used					Not mounted	
R323	PR603 12/33K	1	Resistor	33k	±1%	0603			
R324	PR603 00/0	1	Resistor	0		0603			
R325	NU	1	Not Used					Not mounted	
R326	PR603 12/560	1	Resistor	560	±1%	0603			

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R327	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R328	PR301 175/220	1	NTC-res	220	±10%	0805			
R329	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R330	PR603 12/10K	1	Resistor	10k	±1%	0603			
R331	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R332	PR301 175/1K0	1	NTC-res	1k	±10%	0805			
R333	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R334	PR603 12/330	1	Resistor	330	±1%	0603			
R335	PR603 12/560	1	Resistor	560	±1%	0603			
R336	PR603 00/FS	1	Resistor	FS		0603			Factory Set value
R337	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R338	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R339	PR603 12/680	1	Resistor	680	±1%	0603			
R340	PR603 12/100	1	Resistor	100	±1%	0603			
R341	PR603 12/047	1	Resistor	47	±1%	0603			
R342	PR603 12/047	1	Resistor	47	±1%	0603			
R343	PR603 12/100	1	Resistor	100	±1%	0603			
R345	PR603 12/018	1	Resistor	18	±1%	0603			
R346	PR603 12/330	1	Resistor	330	±1%	0603			
R347	PR603 12/330	1	Resistor	330	±1%	0603			
R355	PR603 12/330	1	Resistor	330	±1%	0603			
R356	PR603 12/010	1	Resistor	10	±1%	0603			
R357	PR603 00/0	1	Resistor	0		0603			
R358	PR603 12/33K	1	Resistor	33k	±1%	0603			
R359	PR603 12/470	1	Resistor	470	±1%	0603			

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R360	PR603 12/470	1	Resistor	470	±1%	0603			
R361	PR603 12/47K	1	Resistor	47k	±1%	0603			
R371	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R372	NU	1	Not Used					Not mounted	
R373	PR603 12/010	1	Resistor	10	±1%	0603			
R374	NU	1	Not Used					Not mounted	
R375	PR603 12/470	1	Resistor	470	±1%	0603			
R376	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R377	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R378	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R379	PR603 12/680	1	Resistor	680	±1%	0603			
R380	PR603 12/100	1	Resistor	100	±1%	0603			
R381	PR603 12/047	1	Resistor	47	±1%	0603			
R382	PR603 12/047	1	Resistor	47	±1%	0603			
R383	PR603 12/470	1	Resistor	470	±1%	0603			
R384	PR603 12/010	1	Resistor	10	±1%	0603			
R385	PR603 12/470	1	Resistor	470	±1%	0603			
R386	PR603 12/10K	1	Resistor	10k	±1%	0603			
R387	PR603 12/47K	1	Resistor	47k	±1%	0603			
R391	PR603 12/47K	1	Resistor	47k	±1%	0603			
R401	PR603 12/22K	1	Resistor	22k	±1%	0603			
R402	PR603 12/22K	1	Resistor	22k	±1%	0603			
R403	PR603 12/22K	1	Resistor	22k	±1%	0603			
R404	PR603 12/10K	1	Resistor	10k	±1%	0603			
R405	PR603 12/010	1	Resistor	10	±1%	0603			

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R406	PR603 12/33K	1	Resistor	33k	±1%	0603		
R407	PR603 12/33K	1	Resistor	33k	±1%	0603		
R408	PR603 12/33K	1	Resistor	33k	±1%	0603		
R409	PR603 12/150	1	Resistor	150	±1%	0603		
R410	PR603 12/220	1	Resistor	220	±1%	0603		
R411	NU	1	Not Used					Not mounted
R412	NU	1	Not Used					Not mounted
R413	NU	1	Not Used					Not mounted
R414	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R415	NU	1	Not Used					Not mounted
R416	PR603 12/1M0	1	Resistor	1M	±1%	0603		
R417	NU	1	Not Used					Not mounted
R418	PR603 12/470	1	Resistor	470	±1%	0603		
R419	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R420	PR603 12/1M0	1	Resistor	1M	±1%	0603		
R421	PR603 12/33K	1	Resistor	33k	±1%	0603		
R422	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R423	PR603 12/33K	1	Resistor	33k	±1%	0603		
R424	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R425	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R426	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R427	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R428	PR603 12/047	1	Resistor	47	±1%	0603		
R429	NU	1	Not Used					Not mounted
R430	PR603 12/010	1	Resistor	10	±1%	0603		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R431	PR603 12/047	1	Resistor	47	±1%	0603			
R432	PR603 12/047	1	Resistor	47	±1%	0603			
R433	PR603 12/100	1	Resistor	100	±1%	0603			
R434	NU	1	Not Used					Not mounted	
R435	PR603 12/010	1	Resistor	10	±1%	0603			
R436	PR603 12/150	1	Resistor	150	±1%	0603			
R437	PR603 12/068	1	Resistor	68	±1%	0603			
R438	PR603 12/150	1	Resistor	150	±1%	0603			
R451	PR603 12/22K	1	Resistor	22k	±1%	0603			
R452	PR603 12/22K	1	Resistor	22k	±1%	0603			
R453	PR603 12/22K	1	Resistor	22k	±1%	0603			
R454	PR603 12/10K	1	Resistor	10k	±1%	0603			
R455	PR603 12/010	1	Resistor	10	±1%	0603			
R456	PR603 12/33K	1	Resistor	33k	±1%	0603			
R457	PR603 12/33K	1	Resistor	33k	±1%	0603			
R458	PR603 12/33K	1	Resistor	33k	±1%	0603			
R459	PR603 12/150	1	Resistor	150	±1%	0603			
R460	PR603 12/220	1	Resistor	220	±1%	0603			
R461	NU	1	Not Used					Not mounted	
R462	NU	1	Not Used					Not mounted	
R463	NU	1	Not Used					Not mounted	
R464	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R465	NU	1	Not Used					Not mounted	
R466	NU	1	Not Used					Not mounted	
R467	PR603 12/1M0	1	Resistor	1M	±1%	0603			

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R468	PR603 12/470	1	Resistor	470	±1%	0603		
R469	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R470	PR603 12/1M0	1	Resistor	1M	±1%	0603		
R471	PR603 12/33K	1	Resistor	33k	±1%	0603		
R472	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R473	PR603 12/33K	1	Resistor	33k	±1%	0603		
R474	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R475	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R476	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R477	PR603 12/047	1	Resistor	47	±1%	0603		
R478	PR603 12/047	1	Resistor	47	±1%	0603		
R479	PR603 12/047	1	Resistor	47	±1%	0603		
R503	PR603 12/10K	1	Resistor	10k	±1%	0603		FS
R504	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R505	PR603 12/150	1	Resistor	150	±1%	0603		
R506	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R507	PR603 12/068	1	Resistor	68	±1%	0603		
R508	PR603 12/150	1	Resistor	150	±1%	0603		
R509	PR603 12/470	1	Resistor	470	±1%	0603		
R510	PR603 12/3K3	1	Resistor	3.3k	±1%	0603		
R511	PR603 12/100	1	Resistor	100	±1%	0603		
R512	PR603 12/100	1	Resistor	100	±1%	0603		
R513	PR603 12/220	1	Resistor	220	±1%	0603		
R514	PR603 12/033	1	Resistor	33	±1%	0603		
R515	PR603 12/220	1	Resistor	220	±1%	0603		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R516	PR603 12/010	1	Resistor	10	±1%	0603		
R517	PR603 12/010	1	Resistor	10	±1%	0603		
R518	PR603 12/10K	1	Resistor	10k	±1%	0603		FS
R519	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R520	PR603 12/6K8	1	Resistor	6.8k	±1%	0603		
R521	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R522	PR603 12/100	1	Resistor	100	±1%	0603		
R523	PR603 12/100	1	Resistor	100	±1%	0603		
R524	PR603 12/330	1	Resistor	330	±1%	0603		
R525	PR603 12/033	1	Resistor	33	±1%	0603		
R526	PR603 12/010	1	Resistor	10	±1%	0603		
R527	PR603 12/010	1	Resistor	10	±1%	0603		
R528	PR603 12/033	1	Resistor	33	±1%	0603		
R529	PR603 12/330	1	Resistor	330	±1%	0603		
R530	PR603 12/018	1	Resistor	18	±1%	0603		
R531	PR603 12/330	1	Resistor	330	±1%	0603		
R536	PR603 12/10K	1	Resistor	10k	±1%	0603		FS
R537	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R538	PR603 12/6K8	1	Resistor	6.8k	±1%	0603		
R539	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R540	PR603 12/100	1	Resistor	100	±1%	0603		
R541	PR603 12/100	1	Resistor	100	±1%	0603		
R542	PR603 12/330	1	Resistor	330	±1%	0603		
R543	PR603 12/010	1	Resistor	10	±1%	0603		
R544	PR603 12/033	1	Resistor	33	±1%	0603		

Product number: K123/1-301

PCB Assembly

CSA 19 Uplink

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R545	PR603 12/010	1	Resistor	10	±1%	0603			
R546	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R547	PR603 12/033	1	Resistor	33	±1%	0603			
R548	PR603 12/560	1	Resistor	560	±1%	0603			
R549	PR603 12/33K	1	Resistor	33k	±1%	0603			
R550	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R551	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R552	PR603 12/560	1	Resistor	560	±1%	0603			
R553	PR301 175/220	1	NTC-res	220	±10%	0805			
R554	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R555	PR301 175/1K0	1	NTC-res	1k	±10%	0805			
R556	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R557	PR603 12/330	1	Resistor	330	±1%	0603			
R558	PR603 12/10K	1	Resistor	10k	±1%	0603			
R559	PR603 12/560	1	Resistor	560	±1%	0603			
R560	PR603 12/220	1	Resistor	220	±1%	0603			
R561	PR603 12/022	1	Resistor	22	±1%	0603			
R562	PR603 12/330	1	Resistor	330	±1%	0603			
R563	PR301 175/220	1	NTC-res	220	±10%	0805			
R564	PR603 12/220	1	Resistor	220	±1%	0603			
R571	PR603 12/10K	1	Resistor	10k	±1%	0603			FS
R572	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R573	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R574	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R575	PR603 12/33K	1	Resistor	33k	±1%	0603			

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R576	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R577	PR603 12/100	1	Resistor	100	±1%	0603		
R578	PR603 12/470	1	Resistor	470	±1%	0603		
R579	PR603 12/680	1	Resistor	680	±1%	0603		
R580	PR603 54/4R7	1	Resistor	4.7	±5%	0603		
R581	PR603 12/068	1	Resistor	68	±1%	0603		
R582	PR603 54/4R7	1	Resistor	4.7	±5%	0603		
R583	PR603 12/068	1	Resistor	68	±1%	0603		
R584	PR603 12/560	1	Resistor	560	±1%	0603		
R585	PR603 12/560	1	Resistor	560	±1%	0603		
R586	PR301 175/220	1	NTC-res	220	±10%	0805		
R587	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R588	PR603 12/10K	1	Resistor	10k	±1%	0603		
R589	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R590	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R591	PR301 175/1K0	1	NTC-res	1k	±10%	0805		
R592	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R593	PR603 12/330	1	Resistor	330	±1%	0603		
R594	PR603 12/560	1	Resistor	560	±1%	0603		
R597	PR603 12/10K	1	Resistor	10k	±1%	0603		
R598	PR603 12/47K	1	Resistor	47k	±1%	0603		
R601	PR603 12/220	1	Resistor	220	±1%	0603		
R602	PR603 12/330	1	Resistor	330	±1%	0603		
R603	PR603 12/022	1	Resistor	22	±1%	0603		
R604	PR603 12/220	1	Resistor	220	±1%	0603		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R605	PR301 175/220	1	NTC-res	220	±10%	0805		
R606	PR603 12/10K	1	Resistor	10k	±1%	0603		FS
R607	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R608	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R609	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R610	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R611	PR603 12/100	1	Resistor	100	±1%	0603		
R612	PR603 12/470	1	Resistor	470	±1%	0603		
R613	PR603 12/680	1	Resistor	680	±1%	0603		
R614	PR603 54/4R7	1	Resistor	4.7	±5%	0603		
R615	PR603 12/068	1	Resistor	68	±1%	0603		
R616	PR603 54/4R7	1	Resistor	4.7	±5%	0603		
R617	PR603 12/068	1	Resistor	68	±1%	0603		
R618	PR603 12/560	1	Resistor	560	±1%	0603		
R619	PR603 12/33K	1	Resistor	33k	±1%	0603		
R620	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R621	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R622	PR603 12/1K5	1	Resistor	1.5k	±1%	0603		
R623	PR301 175/1K0	1	NTC-res	1k	±10%	0805		
R624	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R625	PR603 12/330	1	Resistor	330	±1%	0603		
R626	PR603 12/560	1	Resistor	560	±1%	0603		
R627	PR603 12/560	1	Resistor	560	±1%	0603		
R628	PR301 175/220	1	NTC-res	220	±10%	0805		
R629	PR603 12/10K	1	Resistor	10k	±1%	0603		

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R630	PR603 12/220	1	Resistor	220	±1%	0603		
R631	PR603 12/330	1	Resistor	330	±1%	0603		
R632	PR603 12/022	1	Resistor	22	±1%	0603		
R633	PR603 12/220	1	Resistor	220	±1%	0603		
R634	PR301 175/220	1	NTC-res	220	±10%	0805		
R635	PR603 12/10K	1	Resistor	10k	±1%	0603		FS
R636	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R637	PR603 12/6K8	1	Resistor	6.8k	±1%	0603		
R638	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R639	PR603 12/100	1	Resistor	100	±1%	0603		
R640	PR603 12/100	1	Resistor	100	±1%	0603		
R641	PR603 12/330	1	Resistor	330	±1%	0603		
R642	PR603 12/033	1	Resistor	33	±1%	0603		
R643	PR603 12/010	1	Resistor	10	±1%	0603		
R644	PR603 12/010	1	Resistor	10	±1%	0603		
R645	PR603 12/033	1	Resistor	33	±1%	0603		
R651	PR603 12/330	1	Resistor	330	±1%	0603		
R652	PR603 12/018	1	Resistor	18	±1%	0603		
R653	PR603 12/330	1	Resistor	330	±1%	0603		
R661	PR603 12/010	1	Resistor	10	±1%	0603		
R662	NU	1	Not Used				Not mounted	
R663	NU	1	Not Used				Not mounted	
R664	PR603 12/47K	1	Resistor	47k	±1%	0603		
R665	PR603 12/M33	1	Resistor	330k	±1%	0603		
R675	PR603 12/10K	1	Resistor	10k	±1%	0603		FS

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R676	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R677	PR603 12/6K8	1	Resistor	6.8k	±1%	0603			
R678	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R679	PR603 12/470	1	Resistor	470	±1%	0603			
R680	PR603 12/100	1	Resistor	100	±1%	0603			
R681	PR603 12/680	1	Resistor	680	±1%	0603			
R682	PR603 12/033	1	Resistor	33	±1%	0603			
R683	PR603 12/033	1	Resistor	33	±1%	0603			
R684	PR603 54/4R7	1	Resistor	4.7	±5%	0603			
R685	PR603 54/4R7	1	Resistor	4.7	±5%	0603			
R686	PR603 12/470	1	Resistor	470	±1%	0603			
R692	PR603 12/330	1	Resistor	330	±1%	0603			
R693	PR603 12/018	1	Resistor	18	±1%	0603			
R695	PR603 12/330	1	Resistor	330	±1%	0603			
R701	PR603 12/330	1	Resistor	330	±1%	0603			
R702	PR603 12/018	1	Resistor	18	±1%	0603			
R703	PR603 12/330	1	Resistor	330	±1%	0603			
R704	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R705	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R707	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R708	PR603 12/470	1	Resistor	470	±1%	0603			
R709	PR603 12/680	1	Resistor	680	±1%	0603			
R710	PR603 12/047	1	Resistor	47	±1%	0603			
R711	PR603 12/047	1	Resistor	47	±1%	0603			
R720	PR603 12/560	1	Resistor	560	±1%	0603			

Product number: K123/i-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R721	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R722	NU	1	Not Used					Not mounted	
R723	PR603 12/33K	1	Resistor	33k	±1%	0603			
R724	PR603 00/0	1	Resistor	0		0603			
R725	NU	1	Not Used					Not mounted	
R726	PR603 12/560	1	Resistor	560	±1%	0603			
R727	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R728	PR301 175/220	1	NTC-res	220	±10%	0805			
R729	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R730	PR603 12/10K	1	Resistor	10k	±1%	0603			
R731	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R732	PR301 175/1K0	1	NTC-res	1k	±10%	0805			
R733	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R734	PR603 12/330	1	Resistor	330	±1%	0603			
R735	PR603 12/560	1	Resistor	560	±1%	0603			
R736	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R737	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R738	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R739	PR603 12/680	1	Resistor	680	±1%	0603			
R740	PR603 12/100	1	Resistor	100	±1%	0603			
R741	PR603 12/047	1	Resistor	47	±1%	0603			
R742	PR603 12/047	1	Resistor	47	±1%	0603			
R745	PR603 12/018	1	Resistor	18	±1%	0603			
R746	PR603 12/330	1	Resistor	330	±1%	0603			
R747	PR603 12/330	1	Resistor	330	±1%	0603			

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R755	PR603 12/330	1	Resistor	330	±1%	0603			
R756	PR603 12/010	1	Resistor	10	±1%	0603			
R757	PR603 00/0	1	Resistor	0		0603			
R758	PR603 12/33K	1	Resistor	33k	±1%	0603			
R759	PR603 12/470	1	Resistor	470	±1%	0603			
R760	PR603 12/470	1	Resistor	470	±1%	0603			
R761	PR603 12/47K	1	Resistor	47k	±1%	0603			
R771	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R772	NU	1	Not Used					Not mounted	
R773	PR603 12/010	1	Resistor	10	±1%	0603			
R774	NU	1	Not Used					Not mounted	
R775	PR603 12/470	1	Resistor	470	±1%	0603			
R776	PR603 00/FS	1	Resistor	FS		0603		Factory Set value	
R777	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R778	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R779	PR603 12/680	1	Resistor	680	±1%	0603			
R780	PR603 12/100	1	Resistor	100	±1%	0603			
R781	PR603 12/047	1	Resistor	47	±1%	0603			
R782	PR603 12/047	1	Resistor	47	±1%	0603			
R783	PR603 12/470	1	Resistor	470	±1%	0603			
R784	PR603 12/010	1	Resistor	10	±1%	0603			
R785	PR603 12/470	1	Resistor	470	±1%	0603			
R786	PR603 12/10K	1	Resistor	10k	±1%	0603			
R787	PR603 12/47K	1	Resistor	47k	±1%	0603			
R791	PR603 12/47K	1	Resistor	47k	±1%	0603			

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R801	PR603 12/22K	1	Resistor	22k	±1%	0603			
R802	PR603 12/22K	1	Resistor	22k	±1%	0603			
R803	PR603 12/22K	1	Resistor	22k	±1%	0603			
R804	PR603 12/10K	1	Resistor	10k	±1%	0603			
R805	PR603 12/010	1	Resistor	10	±1%	0603			
R806	PR603 12/33K	1	Resistor	33k	±1%	0603			
R807	PR603 12/33K	1	Resistor	33k	±1%	0603			
R808	PR603 12/33K	1	Resistor	33k	±1%	0603			
R809	PR603 12/150	1	Resistor	150	±1%	0603			
R810	PR603 12/220	1	Resistor	220	±1%	0603			
R811	NU	1	Not Used						Not mounted
R812	NU	1	Not Used						Not mounted
R813	NU	1	Not Used						Not mounted
R814	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R815	NU	1	Not Used						Not mounted
R816	PR603 12/1M0	1	Resistor	1M	±1%	0603			
R817	NU	1	Not Used						Not mounted
R818	PR603 12/470	1	Resistor	470	±1%	0603			
R819	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R820	PR603 12/1M0	1	Resistor	1M	±1%	0603			
R821	PR603 12/33K	1	Resistor	33k	±1%	0603			
R822	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R823	PR603 12/33K	1	Resistor	33k	±1%	0603			
R824	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R825	PR603 12/1K0	1	Resistor	1k	±1%	0603			

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R826	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R827	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R828	PR603 12/047	1	Resistor	47	±1%	0603		
R829	NU	1	Not Used					Not mounted
R830	PR603 12/010	1	Resistor	10	±1%	0603		
R831	PR603 12/047	1	Resistor	47	±1%	0603		
R832	PR603 12/047	1	Resistor	47	±1%	0603		
R833	PR603 12/100	1	Resistor	100	±1%	0603		
R834	NU	1	Not Used					Not mounted
R835	PR603 12/010	1	Resistor	10	±1%	0603		
R836	PR603 12/150	1	Resistor	150	±1%	0603		
R837	PR603 12/068	1	Resistor	68	±1%	0603		
R838	PR603 12/150	1	Resistor	150	±1%	0603		
R851	PR603 12/22K	1	Resistor	22k	±1%	0603		
R852	PR603 12/22K	1	Resistor	22k	±1%	0603		
R853	PR603 12/22K	1	Resistor	22k	±1%	0603		
R854	PR603 12/10K	1	Resistor	10k	±1%	0603		
R855	PR603 12/010	1	Resistor	10	±1%	0603		
R856	PR603 12/33K	1	Resistor	33k	±1%	0603		
R857	PR603 12/33K	1	Resistor	33k	±1%	0603		
R858	PR603 12/33K	1	Resistor	33k	±1%	0603		
R859	PR603 12/150	1	Resistor	150	±1%	0603		
R860	PR603 12/220	1	Resistor	220	±1%	0603		
R861	NU	1	Not Used					Not mounted
R862	NU	1	Not Used					Not mounted

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R863	NU	1	Not Used						Not mounted
R864	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R865	NU	1	Not Used						Not mounted
R866	NU	1	Not Used						Not mounted
R867	PR603 12/1M0	1	Resistor	1M	±1%	0603			
R868	PR603 12/470	1	Resistor	470	±1%	0603			
R869	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R870	PR603 12/1M0	1	Resistor	1M	±1%	0603			
R871	PR603 12/33K	1	Resistor	33k	±1%	0603			
R872	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R873	PR603 12/33K	1	Resistor	33k	±1%	0603			
R874	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R875	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R876	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R877	PR603 12/047	1	Resistor	47	±1%	0603			
R878	PR603 12/047	1	Resistor	47	±1%	0603			
R879	PR603 12/047	1	Resistor	47	±1%	0603			
R890	PR603 12/22K	1	Resistor	22k	±1%	0603			
R891	PR603 12/22K	1	Resistor	22k	±1%	0603			
R892	PR603 12/22K	1	Resistor	22k	±1%	0603			
R901	PR603 12/47K	1	Resistor	47k	±1%	0603			
R902	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R903	PR603 12/10K	1	Resistor	10k	±1%	0603			
R904	NU	1	Not Used						Not mounted
R905	PR603 12/47K	1	Resistor	47k	±1%	0603			

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R906	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R907	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R908	PR603 12/10K	1	Resistor	10k	±1%	0603		
R909	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R910	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R911	PR603 12/47K	1	Resistor	47k	±1%	0603		
R912	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R913	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R914	PR603 12/470	1	Resistor	470	±1%	0603		
R916	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R917	PR603 12/M22	1	Resistor	220k	±1%	0603		
R918	PR603 00/0	1	Resistor	0		0603		
R919	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R920	PR603 12/10K	1	Resistor	10k	±1%	0603		
R921	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R922	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R923	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R924	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R925	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R926	PR603 54/4M7	1	Resistor	4.7M	±5%	0603		
R927	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R928	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R929	PR603 12/10K	1	Resistor	10k	±1%	0603		
R930	PR603 12/10K	1	Resistor	10k	±1%	0603		
R931	PR603 12/10K	1	Resistor	10k	±1%	0603		

Product number: K123/1-301

PCB Assembly

CSA 19 Uplink

Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R932	PR603 12/10K	1	Resistor	10k	±1%	0603			
R933	PR603 12/10K	1	Resistor	10k	±1%	0603			
R934	PR603 12/10K	1	Resistor	10k	±1%	0603			
R935	PR603 12/470	1	Resistor	470	±1%	0603			
R936	PR603 12/10K	1	Resistor	10k	±1%	0603			
R937	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R938	PR603 12/33K	1	Resistor	33k	±1%	0603			
R939	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R940	PR603 12/10K	1	Resistor	10k	±1%	0603			
R941	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R942	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R943	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R944	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R945	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R946	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R947	PR603 12/220	1	Resistor	220	±1%	0603			
R948	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R949	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R950	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R951	NU	1	Not Used					Not mounted	
R952	NU	1	Not Used					Not mounted	
R953	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R954	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R955	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R956	PR603 12/1K0	1	Resistor	1k	±1%	0603			

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R957	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R958	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R959	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R960	PR603 12/22K	1	Resistor	22k	±1%	0603			
R961	PR603 12/10K	1	Resistor	10k	±1%	0603			
R962	PR603 12/10K	1	Resistor	10k	±1%	0603			
R963	PR603 12/10K	1	Resistor	10k	±1%	0603			
R964	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R965	PR603 00/0	1	Resistor	0		0603			
R966	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R967	PR603 12/22K	1	Resistor	22k	±1%	0603			
R968	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R969	PR603 12/10K	1	Resistor	10k	±1%	0603			
R970	PR603 12/10K	1	Resistor	10k	±1%	0603			
R971	PR603 12/10K	1	Resistor	10k	±1%	0603			
R972	PR603 12/10K	1	Resistor	10k	±1%	0603			
R973	PR603 00/0	1	Resistor	0		0603			
R974	PR603 12/10K	1	Resistor	10k	±1%	0603			
R975	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R976	PR301 175/1K0	1	NTC-res	1k	±10%	0805			
R977	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R978	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R979	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R980	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R981	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R982	PR603 12/10K	1	Resistor	10k	±1%	0603			
R983	PR603 12/10K	1	Resistor	10k	±1%	0603			
R984	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R985	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R986	NU	1	Not Used					Not mounted	
R987	PR603 12/330	1	Resistor	330	±1%	0603			
R988	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R989	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R990	PR603 12/22K	1	Resistor	22k	±1%	0603			
R991	PR603 12/22K	1	Resistor	22k	±1%	0603			
R992	PR603 00/0	1	Resistor	0		0603			
R993	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R994	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R995	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R996	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R997	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R998	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R999	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
W01	M123	1	PC Board	CSA 18/19				Custom design	
W02	VD101 73/1	1	Cooling body					Custom design	
W03	VD101 44/1	1	Shield box					Custom design	
W04	VD101 44/1	1	Shield box					Custom design	
W05	VD101 46/1	1	Shield box					Custom design	
W06	VD101 46/1	1	Shield box					Custom design	
W07	VD101 45/1	1	Cover					Custom design	

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
W08	VD101 45/1	1	Cover					Custom design	
W09	VD101 47/1	1	Cover					Custom design	
W10	VD101 47/1	1	Cover					Custom design	
W11	NU	1	Not Used					Not mounted	
W12	NU	1	Not Used					Not mounted	
W13	PV301 01/2	1	Tube rivet	2x0.3x8					
W14	PV301 01/2	1	Tube rivet	2x0.3x8					
W15	PV301 01/2	1	Tube rivet	2x0.3x8					
W17	PV901 17/1	1	Label	29x8-W					
W18	PM214 01/52	1	Socket			PLCC52			
W19	NU	1	Not Used					Not mounted	
W20	NU	1	Not Used					Not mounted	
W21	NU	1	Not Used					Not mounted	
X101	NU	1	Not Used					Not mounted	
X102	PM246 09/1	1	SAW-filter IF	FB G858	240.050 MHz	SMD			
X201	PM246 09/1	1	SAW-filter IF	FB G858	240.050 MHz	SMD			
X301	PM201 01/2	1	DBM-mixer	SYM-3201	+17dBm	SMD			
X302	PM244 06/1	1	SAW-filter RF	F6 L2	1880 MHz	SMD			
X303	PM244 06/1	1	SAW-filter RF	F6 L2	1880 MHz	SMD			
X501	NU	1	Not Used					Not mounted	
X502	PM246 09/1	1	SAW-filter IF	FB G858	240.050 MHz	SMD			
X601	PM246 09/1	1	SAW-filter If	FB G858	240.050 MHz	SMD			
X701	PM201 01/2	1	DBM-mixer	SYM-3201	+17dBm	SMD			
X702	PM244 06/1	1	SAW-filter RF	F6 L2	1880 MHz	SMD			
X703	PM244 06/1	1	SAW-filter RF	F6 L2	1880 MHz	SMD			

Product number: K123/1-301		PCB Assembly	CSA 19 Uplink			Revision: A		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
X901	PM202 04/1	1	Resonator	CSAC	8.00 MHz	SND		
*** Slut på rapporten ***								

Product number: K123/1-301		PCB Assembly		CSA 19 Uplink			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
Q913	PQ453 02/1	1	DAC	AD8803		SO16		
Q914	PQ441 10/1	1	Analog mux/demux	74HC4052		SO16		
Q915	PQ441 10/1	1	Analog mux/demux	74HC4052		SO16		
R101	PR603 12/100	1	Resistor	100	±1%	0603		
R102	NU	1	Not Used				Not mounted	
R103	PR603 12/10K	1	Resistor	10k	±1%	0603		FS
R104	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R105	PR603 12/150	1	Resistor	150	±1%	0603		
R106	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R107	PR603 12/068	1	Resistor	68	±1%	0603		
R108	PR603 12/150	1	Resistor	150	±1%	0603		
R109	PR603 12/470	1	Resistor	470	±1%	0603		
R110	PR603 12/3K3	1	Resistor	3.3k	±1%	0603		
R111	PR603 12/100	1	Resistor	100	±1%	0603		
R112	PR603 12/100	1	Resistor	100	±1%	0603		
R113	PR603 12/220	1	Resistor	220	±1%	0603		
R114	PR603 12/033	1	Resistor	33	±1%	0603		
R115	PR603 12/220	1	Resistor	220	±1%	0603		
R116	PR603 12/010	1	Resistor	10	±1%	0603		
R117	PR603 12/010	1	Resistor	10	±1%	0603		
R118	PR603 12/10K	1	Resistor	10k	±1%	0603		FS
R119	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R120	PR603 12/068	1	Resistor	6.8k	±1%	0603		
R121	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R122	PR603 12/100	1	Resistor	100	±1%	0603		

Product number: K130/1-201		PCB Assembly		DC 18/19 board			Revision: PA2		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C101	PC101 315/1P0	1	Capacitor cer	1.0p	NP0 ±0.25p	0603	50V		
C102	PC101 315/1P0	1	Capacitor cer	1.0p	NP0 ±0.25p	0603	50V		
C103	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C104	NU	1	Not Used					Not mounted	
C105	PC101 315/1P0	1	Capacitor cer	1.0p	NP0 ±0.25p	0603	50V		
C106	PC101 315/1P0	1	Capacitor cer	1.0p	NP0 ±0.25p	0603	50V		
C107	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C108	NU	1	Not Used					Not mounted	
C109	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C110	PC101 315/M10	1	Capacitor cer	100p	NP0 ±5%	0603	50V		
C111	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C112	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
C113	PC101 315/10P	1	Capacitor cer	10p	NP0 ±5%	0603	50V		
D101	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D102	PQ141 12/1	1	PIN-diode	BAR15-1		SOT23			
L101	PM106 11/47N	1	Inductor	47n	±5%	0603			
L102	PM106 11/47N	1	Inductor	47n	±5%	0603			
L103	PM106 11/47N	1	Inductor	47n	±5%	0603			
L104	PM106 11/47N	1	Inductor	47n	±5%	0603			
P1	PM211 02/1	1	Coax conn	receptacle		SMA			
P2	PM211 02/1	1	Coax conn	receptacle		SMA			
P3	PM211 02/1	1	Coax conn	receptacle		SMA			
P5	PM211 02/1	1	Coax conn	receptacle		SMA			
R101	PR603 12/100	1	Resistor	100	±1%	0603			
R102	PR603 12/120	1	Resistor	120	±1%	0603			

Product number: K130/1-101		PCB Assembly		DC 18/19 Board			Revision: PA2		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R103	PR603 12/100	1	Resistor	100	±1%	0603			
R104	PR603 12/120	1	Resistor	120	±1%	0603			
R106	PR901 08/050	1	RF termination SMD	50	±2%		10W		
R107	NU	1	Not Used					Not mounted	
R110	PR901 08/050	1	RF termination SMD	50	±2%		10W		
R111	NU	1	Not Used					Not mounted	
R125	PR603 12/150	1	Resistor	150	±1%	0603			
R126	PR603 12/150	1	Resistor	150	±1%	0603			
R127	PR603 12/220	1	Resistor	220 OK	±1%	0603			Factory Set
R128	PR603 12/220	1	Resistor	220 OK	±1%	0603			Factory Set
R129	PR603 12/150	1	Resistor	150	±1%	0603			
R130	PR603 12/150	1	Resistor	150	±1%	0603			
R135	PR603 12/560	1	Resistor	560	±1%	0603			
R136	PR603 12/560	1	Resistor	560	±1%	0603			
R141	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R142	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R143	PR603 12/010	1	Resistor	10 OK	±1%	0603			Factory Set
R144	PR603 12/010	1	Resistor	10 OK	±1%	0603			Factory Set
R145	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R146	PR603 12/2K2	1	Resistor	2.2k	±1%	0603			
R150	PR603 12/560	1	Resistor	560	±1%	0603			
R151	PR603 12/560	1	Resistor	560	±1%	0603			
R161	NU	1	Not Used					Not mounted	
R162	PR603 12/220	1	Resistor	220	±1%	0603			
R163	PR603 12/047	1	Resistor	47	±1%	0603			

Product number: K130/1-301		PCB Assembly		DC 18/19 Board		Revision: PA2			
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R164	PR603 12/047	1	Resistor	47	±1%	0603			
R165	NU	1	Not Used					Not mounted	
R166	PR603 12/220	1	Resistor	220	±1%	0603			
W01	M130	1	DC 18/19 Board					CUSTOM DESIGN	
W02	VD203 36/1	1	Panel					CUSTOM DESIGN	
W09	PV901 17/1	1	Label	29x8-W					
W10	PV301 01/1	1	Tube rivet	V2x0.3x5					
W11	PV301 01/1	1	Tube rivet	V2x0.3x5					
W12	PV301 01/1	1	Tube rivet	V2x0.3x5					
W13	PV301 01/1	1	Tube rivet	V2x0.3x6					
W14	PV301 01/1	1	Tube rivet	V2x0.3x5					
W15	PV301 01/1	1	Tube rivet	V2x0.3x5					
W16	NU	1	Not Used					Not mounted	
W17	VD201 38/1	1	Printed label					Custom design	
W18	PM291 21/1	1	Microwave absorber	MCS-U-SA ECCOSORB		305 X 305 X 1.0..			
X101	FR901 06/06	1	RF Attenuator SMD	6DB	50OHM		6W		
X102	FR901 06/06	1	RF Attenuator SMD	6DB	50OHM		6W		

*** Slut på rapporten ***

Product number: K105/1-301		PCB Assembly		Distribution Board - DIA Board			Revision: A	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
P11	PM212 01/16	1	Connector	1 x 16p receptacle	gold plated			
P12	PM212 01/16	1	Connector	1 x 16p receptacle	gold plated			
P13	PM212 01/16	1	Connector	1 x 16p receptacle	gold plated			
P14	PM212 01/16	1	Connector	1 x 16p receptacle	gold plated			
P2	PM212 04/2	1	Connector with board-lock	96p F euro C				
P21	PM212 11/10	1	Connector	2 x 5p M				
P22	PM212 10/4	1	Connector	1 x 4p M				
P23	PM212 10/2	1	Connector	1 x 2p M				
P24	PM212 10/2	1	Connector	1 x 2p M				
P25	PM212 09/16	1	Connector	2 x 8p M				
P26	PM212 09/16	1	Connector	2 x 8p M				
P27	PM212 10/8	1	Connector	1 x 8p M				
P28	PM212 10/3	1	Connector	1 x 3p M				
P29	PM212 10/6	1	Connector	1 x 6p M				
P3	PM212 31/1	1	Connector with board-lock	32p F euro B/2				
P31	PM212 07/9B	1	Connector with board-lock	9p Dsub F				
P32	PM212 06/9B	1	Connector with board-lock	9p Dsub M				
P33	PM212 07/15B	1	Connector with board-lock	15p Dsub F				
P34	PM212 29/1	1	Connector, mod.jack, 8/8 vert.	8/8 F, TOP ENTRY				
P4	PM212 05/2	1	Connector with board-lock	48p F euro C/2				
P5	PM212 05/2	1	Connector with board-lock	48p F euro C/2				
P6	PM212 05/2	1	Connector with board-lock	48p F euro C/2				
W1	M105	1	PC Board	DIA			Custom design	
W2	VD201 01/1	1	Label	35 x 8			Custom design	
W5	PM212 13/2	1	Jumper					WITH PULL-OUT P

Product number: K105/1-301 PCB Assembly Distribution Board - DIA Board Revision: A

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
W6	PM212 12/2	1	Connector	1 x 2p M					
			*** Slut på rapporten ***						

Product number: K127/1301		PCB Assembly		DCM 19 Board MRX			Revision: PA3		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C101	PC101 315/P47	1	Capacitor cer	0.47p	NPO ±0.25p	0603	50V		
C102	PC101 315/P47	1	Capacitor cer	0.47p	NPO ±0.25p	0603	50V		
C103	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C104	NU	1	Not Used					Not mounted	
C107	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C108	NU	1	Not Used					Not mounted	
C109	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
C110	PC101 315/N10	1	Capacitor cer	100p	NPO ±5%	0603	50V		
C111	PC101 315/10P	1	Capacitor cer	10p	NPO ±5%	0603	50V		
D101	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
D102	PQ141 11/1	1	PIN-diode	BAR15-1		SOT23			
L101	FM101 527/56N	1	Inductor	56n	±10%	0805			
L102	FM101 527/56N	1	Inductor	56n	±10%	0805			
L103	FM101 527/56N	1	Inductor	56n	±10%	0805			
F1	FN211 02/1	1	Coax conn	receptacle		SMA			
F2	FN211 02/1	1	Coax conn	receptacle		SMA			
F3	FN211 02/1	1	Coax conn	receptacle		SMA			
F4	FN211 02/1	1	Coax conn	receptacle		SMA			
F5	FN211 02/1	1	Coax conn	receptacle		SMA			
R101	PR603 12/220	1	Resistor	220	±1%	0603			
R102	PR603 12/056	1	Resistor	56	±1%	0603			
R106	PR603 12/100	1	Resistor	100	±1%	0603			
R107	PR603 12/100	1	Resistor	100	±1%	0603			
R110	PR603 12/100	1	Resistor	100	±1%	0603			
R111	PR603 12/100	1	Resistor	100	±1%	0603			

Product number: K127/1-001		PCB Assembly		DCM 19 Board MEX			Revision: PA3	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R116	PR603 12/047	1	Resistor	47	±1%	0603		
R117	PR603 12/047	1	Resistor	47	±1%	0603		
R118	PR603 12/047	1	Resistor	47	±1%	0603		
R119	PR603 12/047	1	Resistor	47	±1%	0603		
R125	PR603 12/150	1	Resistor	150	±1%	0603		
R126	PR603 12/150	1	Resistor	150	±1%	0603		
R127	PR603 12/220	1	Resistor	220	±1%	0603		Factory Set
R128	PR603 12/220	1	Resistor	220	±1%	0603		Factory Set
R129	PR603 12/150	1	Resistor	150	±1%	0603		
R130	PR603 12/150	1	Resistor	150	±1%	0603		
R135	PR603 12/560	1	Resistor	560	±1%	0603		
R136	PR603 12/560	1	Resistor	560	±1%	0603		
R141	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R142	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R143	PR603 12/010	1	Resistor	10	±1%	0603		Factory set
R144	PR603 12/010	1	Resistor	10	±1%	0603		Factory Set
R145	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R146	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R150	PR603 12/560	1	Resistor	560	±1%	0603		
R151	PR603 12/560	1	Resistor	560	±1%	0603		
R161	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R162	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		
R163	PR603 12/010	1	Resistor	10	±1%	0603		
R164	PR603 12/010	1	Resistor	10	±1%	0603		
R165	PR603 12/2K2	1	Resistor	2.2k	±1%	0603		

Product number: K127/1-01		PCB Assembly		DCM 19 Board MRX				Revision: PA3	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R166	PR603 12/2K2	1	Resistor	2.2K	±1%	0603			
W01	W127	1	PC Board	DC 18/19 (M)				Custom design	
W02	VD201 92/1	1	Printed panel					CUSTOM DESIGN	-201
W09	FV901 17/1	1	Label	29x8-N					
W10	FV301 01/1	1	Tube rivet	W2x0.3x5					
W11	FV301 01/1	1	Tube rivet	W3x0.3x5					
W12	FV301 01/1	1	Tube rivet	W2x0.3x5					
W13	FV301 01/1	1	Tube rivet	W3x0.3x5					
W14	FV301 01/1	1	Tube rivet	W2x0.3x5					
W15	FV301 01/1	1	Tube rivet	W2x0.3x5					
W16	PM291 21/1	1	Microwave absorber *** Slut på rapporten ***	MCS-U-SA ECCOSORB		305 X 305 X 1.0			

Product number: K103/2-301		PCB Assembly		Control Unit Board - CU Board			Revision: C		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C101	PC101 315/18P	1	Capacitor cer	18p	NPO ±5%	0603	50V		
C102	PC101 315/18P	1	Capacitor cer	18p	NPO ±5%	0603	50V		
C103	PC101 671/1U0	1	Capacitor cer	1U0	X7R ±10%	1206	16V		
C104	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C105	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C106	PC101 375/1N0	1	Capacitor cer	1.0n	X7R ±10%	0603	50V		
C107	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C111	PC101 315/22P	1	Capacitor cer	22p	NPO ±5%	0603	50V		FS
C112	PC101 300/FS	1	Capacitor cer	FS		0603		Factory Set value	
C113	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C121	PC101 315/18P	1	Capacitor cer	18p	NPO ±5%	0603	50V		
C122	PC101 315/18P	1	Capacitor cer	18p	NPO ±5%	0603	50V		
C123	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C124	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C125	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C126	PC101 575/47N	1	Capacitor cer	47n	X7R ±10%	0805	50V		
C128	PC101 671/1U0	1	Capacitor cer	1U0	X7R ±10%	1206	16V		
C129	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C130	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C131	PC101 671/1U0	1	Capacitor cer	1U0	X7R ±10%	1206	16V		
C133	PC101 671/1U0	1	Capacitor cer	1U0	X7R ±10%	1206	16V		
C134	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C135	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C136	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
C137	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		

Product number: K103/2-301		PCB Assembly		Control Unit Board - CU Board			Revision: C		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
E138	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
E139	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
E141	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
E142	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
E143	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
E144	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
E145	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
E146	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
E147	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
E148	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
E149	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
E150	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
E151	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
E152	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
E153	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
E154	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
E155	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
E156	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
E157	PC101 315/N33	1	Capacitor cer	330p	NPO ±5%	0603	50V		
E158	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
E159	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
E160	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
E161	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
E162	PC101 671/100	1	Capacitor cer	100	X7R ±10%	1206	16V		
E163	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		

Product number: K103/2-301		PCB Assembly		Control Unit Board - CU Board				Revision: C	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C164	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C165	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C166	PC101 671/1U0	1	Capacitor cer	1U0	X7R ±10%	1206	16V		
C167	PC101 670/2U2	1	Capacitor cer	2U2	X7R ±10%	1206	10V		
C171	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C172	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C173	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C174	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C175	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C176	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C177	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C178	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C179	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C180	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C181	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C182	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C183	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C184	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C185	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C186	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C187	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C188	PC101 671/1U0	1	Capacitor cer	1U0	X7R ±10%	1206	16V		
C191	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C192	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C193	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		

Product number: K103/2-301		PCB Assembly		Control Unit Board - CU Board			Revision: C		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
C194	PC101 670/202	1	Capacitor cer	202	X7R ±10%	1206	10V		
C195	PC101 371/47N	1	Capacitor cer	47n	X7R ±10%	0603	16V		
C201	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C202	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C203	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C204	PC101 375/10N	1	Capacitor cer	10n	X7R ±5%	0603	50V		
C205	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C206	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
C207	PC101 315/33P	1	Capacitor cer	33p	NPO ±5%	0603	50V		
D101	PQ301 01/3	1	LED	LG A670	green	SMD			
D102	PQ301 01/1	1	LED	LS A670	red	SMD			
D103	PQ301 01/1	1	LED	LS A670	red	SMD			
D104	PQ301 01/2	1	LED	LY A670	yellow	SMD			
D111	PQ111 01/1	1	Diode, dual, in series	BAV99		SOT23			
D112	PQ111 01/1	1	Diode, dual, in series	BAV99		SOT23			
D113	PQ111 01/1	1	Diode, dual, in series	BAV99		SOT23			
D114	PQ111 01/1	1	Diode, dual, in series	BAV99		SOT23			
D115	PQ111 01/1	1	Diode, dual, in series	BAV99		SOT23			
D116	PQ161 05/1	1	Schottky diode	(MBR3340T3)	3A	SMC	40V		
L101	PM101 207/22U	1	Inductor	22u	±10%	1812			
L201	PM101 207/22U	1	Inductor	22u	±10%	1812			
P1	PM212 02/2	1	Connector with board-lock	96p M euro C					
P2	PM212 03/1	1	Connector	2 x 8p F					
P3	PM212 12/2	1	Connector	1 x 2p M					
Q101	PQ451 02/1	1	µ-proc	HD6413003		QFP112			

Product number: K103/2-301		PCB Assembly		Control Unit Board - CU Board			Revision: C		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
Q102	PQ441 02/1	1	Hex inv schmitttrig.	74HC14		SO14			
Q103	PQ441 03/1	1	Quad 2-inp AND gate	74HC08		SO14			
Q104	PQ412 01/1	1	Quad OP	SA5234		SO14			
Q105	PQ441 04/1	1	Quad analog switch	74HC4066		SO14			
Q106	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q107	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
Q109	PQ454 01/1	1	SRAM	(TC5564)	8K x 8	FP28			
Q110	PQ455 02/1	1	DUART	SOC2692		PLCC44			
Q111	PQ455 02/1	1	DUART	SOC2692		PLCC44			
Q112	PQ441 02/1	1	Hex inv schmitttrig.	74HC14		SO14			
Q113	PQ441 01/1	1	Quad buffer	74HC125		SO14			
Q114	PQ441 05/1	1	Quad 2-inp OR gate	74HC32		SO14			
Q115	PQ441 06/1	1	8-bit adr. latch	74HC259		SO16			
Q116	PQ455 01/1	1	RS232 Transceiver	MAX202E		SO16W			
Q117	PQ441 13/1	1	3x 2ch anal MUX	74HC4053		SO16			
Q118	PQ441 12/1	1	8-inp MUX	74HC251		SO16			
Q120	PQ441 07/1	1	Decod/demplx	74HC138		SO16			
Q121	PQ454 06/1	1	PROM OTP	27C512	64K x 8	PLCC32			
Q122	PQ454 07/1	1	Flash PROM	(AM29F040)	512K x 8	PLCC32			
Q123	PQ454 04/1	1	SRAM	(HM628128)	128K x 8	FP32			
Q124	PQ454 08/1	1	EEPROM	(24LC164)	2K x 8	SO8			
Q125	PQ452 03/1	1	Clock calender	PCF8593		SO8			
Q126	NU		Not Used					Not mounted	
Q127	PQ441 03/1	1	Quad 2-inp AND gate	74HC08		SO14			
Q128	PQ454 04/1	1	SRAM	(HM628128)	128K x 8	FP32			

Product number: K103/2-301			PCB Assembly	Control Unit Board - CU Board			Revision: C		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
Q129	PQ452 04/1	1	uP supervisor	(MAX705)		S08			
Q130	PQ411 01/1	1	Volt. Reg.	LP2951		S08			
Q131	PQ411 02/1	1	Volt. Reg.	LT1129-5	+5V	S08			
Q132	PQ441 08/1	1	Dual D-flip-flop	74HC74		S014			
Q133	PQ441 09/1	1	14-stage counter	74HC4060		S016			
Q134	PQ455 03/1	1	RS485 Transceiver	MAX485		S08			
Q135	PQ211 11/1	1	Transistor	(BCX70J)		SOT23			
R101	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R102	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R103	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R104	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R105	PR603 12/10K	1	Resistor	10k	±1%	0603			
R106	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R107	PR603 12/10K	1	Resistor	10k	±1%	0603			
R108	PR603 12/10K	1	Resistor	10k	±1%	0603			
R110	PR603 12/10K	1	Resistor	10k	±1%	0603			
R111	PR603 12/10K	1	Resistor	10k	±1%	0603			
R112	PR603 12/10K	1	Resistor	10k	±1%	0603			
R113	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R114	PR301 175/1K0	1	NTC-res	1k	±10%	0805			
R115	PR603 12/10K	1	Resistor	10k	±1%	0603			
R116	PR603 12/10K	1	Resistor	10k	±1%	0603			
R117	PR603 12/10K	1	Resistor	10k	±1%	0603			
R118	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R119	PR603 12/1M0	1	Resistor	1M	±1%	0603			

Product number: K103/2-301		PCB Assembly		Control Unit Board - CU Board			Revision: C	
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4 Remark 1	Remark 2
R120	PR603 12/10K	1	Resistor	10k	±1%	0603		
R121	PR603 12/M33	1	Resistor	330k	±1%	0603		
R122	PR603 12/M33	1	Resistor	330k	±1%	0603		
R123	PR603 12/10K	1	Resistor	10k	±1%	0603		
R124	PR603 12/M10	1	Resistor	100k	±1%	0603		
R125	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R126	PR603 12/10K	1	Resistor	10k	±1%	0603		
R127	PR603 12/47K	1	Resistor	47k	±1%	0603		
R128	PR603 12/10K	1	Resistor	10k	±1%	0603		
R129	PR603 12/10K	1	Resistor	10k	±1%	0603		
R130	PR603 12/10K	1	Resistor	10k	±1%	0603		
R131	PR603 12/M33	1	Resistor	330k	±1%	0603		
R132	PR603 12/M33	1	Resistor	330k	±1%	0603		
R133	PR603 12/10K	1	Resistor	10k	±1%	0603		
R134	PR603 12/M10	1	Resistor	100k	±1%	0603		
R135	PR603 12/1K0	1	Resistor	1k	±1%	0603		
R136	PR603 12/10K	1	Resistor	10k	±1%	0603		
R137	PR603 12/47K	1	Resistor	47k	±1%	0603		
R138	PR603 00/0	1	Resistor	0		0603		
R139	NU	1	Not Used				Not mounted	
R142	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R143	PR603 12/100	1	Resistor	100	±1%	0603		
R144	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		
R145	PR603 12/100	1	Resistor	100	±1%	0603		
R146	PR603 12/4K7	1	Resistor	4.7k	±1%	0603		

Product number: K103/2-301		PCB Assembly		Control Unit Board - CU Board			Revision: C		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R147	PR603 12/100	1	Resistor	100	±1%	0603			
R151	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R152	PR603 12/100	1	Resistor	100	±1%	0603			
R153	PR603 12/10K	1	Resistor	10k	±1%	0603			
R155	PR603 12/10K	1	Resistor	10k	±1%	0603			
R157	PR603 12/M10	1	Resistor	100k	±1%	0603			
R161	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R162	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R163	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R164	PR603 12/1K5	1	Resistor	1.5k	±1%	0603			
R165	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R166	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R167	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R168	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R171	PR218 51/220	1	Power res	220	±5%	1218			
R172	PR218 51/220	1	Power res	220	±5%	1218			
R181	PR603 12/10K	1	Resistor	10k	±1%	0603			
R182	PR603 12/10K	1	Resistor	10k	±1%	0603			
R183	PR603 12/10K	1	Resistor	10k	±1%	0603			
R184	PR603 12/10K	1	Resistor	10k	±1%	0603			
R185	PR603 12/10K	1	Resistor	10k	±1%	0603			
R186	PR603 12/10K	1	Resistor	10k	±1%	0603			
R187	PR603 12/10K	1	Resistor	10k	±1%	0603			
R188	PR603 12/10K	1	Resistor	10k	±1%	0603			
R189	PR603 12/10K	1	Resistor	10k	±1%	0603			

Product number: K103/2-301

PCB Assembly

Control Unit Board - CU Board

Revision: C

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R190	PR603 12/10K	1	Resistor	10k	±1%	0603			
R191	PR603 12/10K	1	Resistor	10k	±1%	0603			
R192	PR603 12/10K	1	Resistor	10k	±1%	0603			
R193	PR603 12/10K	1	Resistor	10k	±1%	0603			
R194	PR603 12/10K	1	Resistor	10k	±1%	0603			
R195	PR603 12/10K	1	Resistor	10k	±1%	0603			
R196	PR603 12/10K	1	Resistor	10k	±1%	0603			
R197	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R198	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R199	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R201	PR603 54/4M7	1	Resistor	4.7M	±5%	0603			
R202	PR603 12/10K	1	Resistor	10k	±1%	0603			
R203	PR603 12/10K	1	Resistor	10k	±1%	0603			
R204	PR603 12/10K	1	Resistor	10k	±1%	0603			
R206	PR603 12/10K	1	Resistor	10k	±1%	0603			
R207	PR603 12/10K	1	Resistor	10k	±1%	0603			
R208	PR603 12/10K	1	Resistor	10k	±1%	0603			
R211	PR603 12/10K	1	Resistor	10k	±1%	0603			
R212	PR603 12/10K	1	Resistor	10k	±1%	0603			
R213	PR603 12/10K	1	Resistor	10k	±1%	0603			
R214	PR603 12/10K	1	Resistor	10k	±1%	0603			
R215	PR603 12/10K	1	Resistor	10k	±1%	0603			
R216	PR603 12/10K	1	Resistor	10k	±1%	0603			
R217	PR603 12/10K	1	Resistor	10k	±1%	0603			
R218	PR603 12/10K	1	Resistor	10k	±1%	0603			

Product number: K103/2-301

PCB Assembly

Control Unit Board - CU Board

Revision: C

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R220	PR603 12/047	1	Resistor	47	±1%	0603			
R221	PR603 12/10K	1	Resistor	10k	±1%	0603			
R222	PR603 12/33K	1	Resistor	33k	±1%	0603			
R223	PR603 12/100	1	Resistor	100	±1%	0603			
R224	PR603 12/100	1	Resistor	100	±1%	0603			
R225	PR603 12/10K	1	Resistor	10k	±1%	0603			
R226	PR603 12/10K	1	Resistor	10k	±1%	0603			
R227	PR603 12/100	1	Resistor	100	±1%	0603			
R229	PR603 12/100	1	Resistor	100	±1%	0603			
R230	PR603 12/100	1	Resistor	100	±1%	0603			
R231	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R232	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R233	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R234	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R235	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R236	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R241	PR603 12/100	1	Resistor	100	±1%	0603			
R242	PR603 12/100	1	Resistor	100	±1%	0603			
R243	PR603 12/100	1	Resistor	100	±1%	0603			
R244	PR603 12/100	1	Resistor	100	±1%	0603			
R245	PR603 12/100	1	Resistor	100	±1%	0603			
R246	PR603 12/100	1	Resistor	100	±1%	0603			
R247	PR603 12/100	1	Resistor	100	±1%	0603			
R248	PR603 12/100	1	Resistor	100	±1%	0603			
R251	PR603 12/M10	1	Resistor	100k	±1%	0603			

Product number: K103/2-301		PCB Assembly		Control Unit Board - CU Board			Revision: C		
Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
R252	PR603 12/M10	1	Resistor	100k	±1%	0603			
R253	PR603 12/M10	1	Resistor	100k	±1%	0603			
R256	NU		Not Used					Not mounted	
R257	PR603 00/0	1	Resistor	0		0603			
R258	PR603 12/M22	1	Resistor	220k	±1%	0603			
R259	PR603 12/M10	1	Resistor	100k	±1%	0603			
R260	PR603 12/M10	1	Resistor	100k	±1%	0603			
R261	PR603 12/M10	1	Resistor	100k	±1%	0603			
R262	PR603 12/1M0	1	Resistor	1M	±1%	0603			
R270	PR603 12/100	1	Resistor	100	±1%	0603			
R271	PR603 12/4K7	1	Resistor	4.7k	±1%	0603			
R272	PR603 12/100	1	Resistor	100	±1%	0603			
R273	PR603 12/1M0	1	Resistor	1M	±1%	0603			
R274	PR603 12/1M0	1	Resistor	1M	±1%	0603			
R275	PR603 12/10K	1	Resistor	10k	±1%	0603			
R276	PR603 12/10K	1	Resistor	10k	±1%	0603			
R277	PR603 12/1M0	1	Resistor	1M	±1%	0603			
R278	PR603 12/10K	1	Resistor	10k	±1%	0603			
R279	PR603 12/3K3	1	Resistor	3.3k	±1%	0603			
R280	PR603 12/100	1	Resistor	100	±1%	0603			
R281	PR603 12/10K	1	Resistor	10k	±1%	0603			
R284	PR603 12/47K	1	Resistor	47k	±1%	0603			
R285	PR603 12/1K0	1	Resistor	1k	±1%	0603			
R286	PR603 12/47K	1	Resistor	47k	±1%	0603			
R287	PR603 12/1K0	1	Resistor	1k	±1%	0603			

Product number: K103/2-301

PCB Assembly

Control Unit Board - CU Board

Revision: C

Pos	Part number	Qty	Description	Value 1	Value 2	Value 3	Val 4	Remark 1	Remark 2
X108	PM291 01/1	1	Battery	VL2020/1HF	3V				

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