

Product: GN Netcom Ellipse 2.4GHz  
 Base  
 Version Rev A  
 Revision:  
 Created at: 03-03-99  
 Schematic base: Sirius\_2G4\_BS\_v1\_typeapp.sch

REF	RTX partnumber	Description	Tolerance	Case	Manufacturer	Manufacturer code	
1	C1	02181220	Capacitor 22p NP0 50V	±5%	0603	MURATA	GRM39COG220J50xx
2	C2	02181220	Capacitor 22p NP0 50V	±5%	0603	MURATA	GRM39COG220J50xx
3	C3	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
4	C4	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
5	C5	02194100	Capacitor 10n X7R 50V	±10%	0603	MURATA	GRM39X7R103K50xx
6	C6	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
7	C7	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
8	C8	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
9	C9	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
10	C10	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
11	C11	02181100	Capacitor 10p NP0 50V	±0.5pF	0603	MURATA	GRM39COG100D50xx
12	C12	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
13	C13	02486100	Capacitor 1uF X5R 10V	±10%	0805	MURATA	GRM40X5R105K10U530
14	C14	02407100	Capacitor 10 uF 4V Tantal	±20%	Size A	MARCON	4MCS106MATER
15	C15	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
16	C16	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
17	C17	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
18	C18	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
19	C19	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
20	C20	02015220	Capacitor 220n X7R 16V	±10%	0805	MURATA	GRM40X7R224K16xx
21	C21	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
22	C22	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
23	C23	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
24	C24	02182330	Capacitor 330p NP0 50V	±5%	0603	MURATA	GRM39COG331J50xx
25	C25	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
26	C26	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
27	C27	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
28	C28	02407100	Capacitor 10 uF 4V Tantal	±20%	Size A	MARCON	4MCS106MATER
29	C29	02486100	Capacitor 1uF X5R 10V	±10%	0805	MURATA	GRM40X5R105K10U530
30	C30	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
31	C31	02182100	Capacitor 100p NP0 50V	±5%	0603	MURATA	GRM39COG101J50xx
32	C32	02388477	Cap. ELLYT 470uF 16V.	20%	8 x 10	NIC Components C	NACE 470uF/16V. 8 x 10

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 Remote  
 Version A  
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REF	RTX partnumber	Description	Tolerance	Case	Manufacturer	Manufacturer code	
1	C1	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
2	C2	02406220	Capacitor 2u2 16V Tantal	±20%	Size A	MARCON	16MCS225MATER
3	C3	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
4	C4	02015220	Capacitor 220n X7R 16V	±10%	0805	MURATA	GRM40X7R224K16xx
5	C5	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
6	C6	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
7	C7	02182330	Capacitor 330p NP0 50V	±5%	0603	MURATA	GRM39COG331J50xx
8	C8	02003100	Capacitor 1n0 NP0 50V	±5%	0805	MURATA	GRM40COG102J50xx
9	C9	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
10	C10	02015220	Capacitor 220n X7R 16V	±10%	0805	MURATA	GRM40X7R224K16xx
11	C11	02438103	Capacitor 100uF 10V Tantal	±20%	Size D	NICHICON	F931A107MDx
12	C12	02180082	Capacitor 0.82p NP0 50V	±0.25pF	0603	MURATA	GRM39COGR82C50xx
13	C13	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
14	C14	02181220	Capacitor 22p NP0 50V	±5%	0603	MURATA	GRM39COG220J50xx
15	C15	02181220	Capacitor 22p NP0 50V	±5%	0603	MURATA	GRM39COG220J50xx
16	C16	02181220	Capacitor 22p NP0 50V	±5%	0603	MURATA	GRM39COG220J50xx
17	C17	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
18	C18	02407100	Capacitor 10 uF 4V Tantal	±20%	Size A	MARCON	4MCS106MATER
19	C19	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
20	C20	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
21	C21	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
22	C22	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
23	C23	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
24	C25	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
25	C26	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
26	C27	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
27	C28	02407100	Capacitor 10 uF 4V Tantal	±20%	Size A	MARCON	4MCS106MATER
28	C29	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
29	C30	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
30	C31	02486100	Capacitor 1uF X5R 10V	±10%	0805	MURATA	GRM40X5R105K10U530
31	C32	02015220	Capacitor 220n X7R 16V	±10%	0805	MURATA	GRM40X7R224K16xx
32	C33	02015220	Capacitor 220n X7R 16V	±10%	0805	MURATA	GRM40X7R224K16xx

33	C34	02486100	Capacitor 1uF X5R 10V	±10%	0805	MURATA	GRM40X5R105K10U530
34	C35	02407100	Capacitor 10 uF 4V Tantal	±20%	Size A	MARCON	4MCS106MATER
35	C36	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
36	C37	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
37	C38	02182100	Capacitor 100p NP0 50V	±5%	0603	MURATA	GRM39COG101J50xx
38	C39	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
39	C42	02194100	Capacitor 10n X7R 50V	±10%	0603	MURATA	GRM39X7R103K50xx
40	C43	02407100	Capacitor 10 uF 4V Tantal	±20%	Size A	MARCON	4MCS106MATER
41	C44	02407100	Capacitor 10 uF 4V Tantal	±20%	Size A	MARCON	4MCS106MATER
42	C45	02194100	Capacitor 10n X7R 50V	±10%	0603	MURATA	GRM39X7R103K50xx
43	C46	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
44	C47	02193470	Capacitor 4n7 X7R 50V	±10%	0603	MURATA	GRM39X7R472K50xx
45	C48	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
46	C49	02180100	Capacitor 1p0 NP0 50V	±0.25pF	0603	MURATA	GRM39COG1R0C50xx
47	C50	02189999	Capacitor Not Mounted		0603		
48	C51	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
49	C52	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
50	C53	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
51	C101	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
52	C102	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
53	C103	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
54	C104	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
55	C105	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
56	C106	02180330	Capacitor 3p3 NP0 50V	±0.25pF	0603	MURATA	GRM39COG3R3C50xx
57	C107	02180220	Capacitor 2p2 NP0 50V	±0.25pF	0603	MURATA	GRM39COG2R2C50xx
58	C108	02189999	Capacitor Not Mounted		0603		
59	C109	02180470	Capacitor 4p7 NP0 50V	±0.25pF	0603	MURATA	GRM39COG4R7C50xx
60	C110	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
61	C111	02182100	Capacitor 100p NP0 50V	±5%	0603	MURATA	GRM39COG101J50xx
62	C112	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
63	C113	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
64	C114	04280639	Diode Cap. BB639		SOD323	SIEMENS	BB639
65	C115	02181100	Capacitor 10p NP0 50V	±0.5pF	0603	MURATA	GRM39COG100D50xx
66	C116	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
67	C117	02181680	Capacitor 68p NP0 50V	±5%	0603	MURATA	GRM39COG680J50xx
68	C118	02181330	Capacitor 33p NP0 50V	±5%	0603	MURATA	GRM39COG330J50xx
69	C119	02181330	Capacitor 33p NP0 50V	±5%	0603	MURATA	GRM39COG330J50xx
70	C120	02181330	Capacitor 33p NP0 50V	±5%	0603	MURATA	GRM39COG330J50xx
71	C122	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
72	C123	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
73	C124	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx

74	C125	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
75	C126	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
76	C127	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
77	C128	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
78	C129	02194100	Capacitor 10n X7R 50V	±10%	0603	MURATA	GRM39X7R103K50xx
79	C130	02181100	Capacitor 10p NP0 50V	±0.5pF	0603	MURATA	GRM39COG100D50xx
80	C131	02181100	Capacitor 10p NP0 50V	±0.5pF	0603	MURATA	GRM39COG100D50xx
81	C133	02406220	Capacitor 2u2 16V Tantal	±20%	Size A	MARCON	16MCS225MATER
82	C134	02181330	Capacitor 33p NP0 50V	±5%	0603	MURATA	GRM39COG330J50xx
83	C140	02003100	Capacitor 1n0 NP0 50V	±5%	0805	MURATA	GRM40COG102J50xx
84	C141	02003470	Capacitor 4n7 NP0 63V	±5%	0805	PHILIPS	2222 890 105 58
85	C142	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
86	C143	02189999	Capacitor Not Mounted		0603		
87	C151	02181470	Capacitor 47p NP0 50V	±5%	0603	MURATA	GRM39COG470J50xx
88	C153	02181220	Capacitor 22p NP0 50V	±5%	0603	MURATA	GRM39COG220J50xx
89	C155	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
90	C159	02180150	Capacitor 1p5 NP0 50V	±0.25pF	0603	MURATA	GRM39COG1R5C50xx
91	C160	02180150	Capacitor 1p5 NP0 50V	±0.25pF	0603	MURATA	GRM39COG1R5C50xx
92	C161	02180220	Capacitor 2p2 NP0 50V	±0.25pF	0603	MURATA	GRM39COG2R2C50xx
93	C162	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
94	C163	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
95	C164	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
96	C165	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
97	C166	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
98	C167	02181220	Capacitor 22p NP0 50V	±5%	0603	MURATA	GRM39COG220J50xx
99	C168	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
100	C169	02182680	Capacitor 680p NP0 25V	±5%	0603	MURATA	GRM 39C0H681J25
101	C170	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
102	C173	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
103	C175	02180047	Capacitor 0.47p NP0 50V	±0.25pF	0603	MURATA	GRM39COGR47C50xx
104	C176	02180390	Capacitor 3p9 NP0 50V	±0.25pF	0603	MURATA	GRM39COG3R9C50xx
105	C177	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
106	C179	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
107	C180	02182100	Capacitor 100p NP0 50V	±5%	0603	MURATA	GRM39COG101J50xx
108	C181	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
109	C182	02180220	Capacitor 2p2 NP0 50V	±0.25pF	0603	MURATA	GRM39COG2R2C50xx
110	C185	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
111	D1	04280639	Diode Cap. BB639		SOD323	SIEMENS	BB639
112	D3	04230035	LED Right Angle Surface Mount			Siemens	LS A670K
113	D101	04298000	Diode PIN BAR80		MW-4	SIEMENS	BAR80 MW-4
114	D104	04306303	Diode PIN BAR63-03W		SOD323	SIEMENS	BAR63-03W

115	D105	04340051	Diode Vol. reg. BZX284C5V1		SOD110	PHILIPS	BZX284C5V1 SOD110
116	FL1		Ceramic BP Filter			Siemens	B69812-N2457-B301
117	FL2		Ceramic BP Filter			Siemens	B69812-N2457-B301
118	FL103		BPF SAW 110.6 MHz		SMD	MURATA	SAFU110.6 MSA
119	IC1	05169801	Voltage regulator LP2980 3.0V		SOT23-5	NATIONAL	LP2980IM5X-3.0
120	IC2	05354402	Burst Mode Controller SC14402R		TPQFP100	National	SC14402R VJG100A
121	IC3	05270020	AT29BV020 -25TC 2.7V-3.6V		TSOP32	SST	SST29VE020-200-4C-EH
122	IC4	05292404	EEProm AT24C04N-10SC-2.7V		SO8	Atmel	AT24C04N-10SC 2.7V SO8
123	IC6	05342205	Power Amplifier DECT ITT2205AF 0.5W		TSSOP-16	ITT	ITT2205AF 0.5W TSSOP-16
124	IC7	17040630	VCO URAE 630			ALPS Electric CO	VCO URAE 630
125	IC101	05413162	Transceiver LMX3162 DECT		48 pin	National Semi	LMX3162
126	IC102	05169801	Voltage regulator LP2980 3.0V		SOT23-5	NATIONAL	LP2980IM5X-3.0
137	L1	07103220	Inductor Chip 2.2nH	±0.3nH	0603	TOKO	LL1608-FH2N2S
138	L2	07104100	Inductor Chip 10nH	±10%	0603	TOKO	LL1608-FH10NK
139	L4	07103220	Inductor Chip 2.2nH	±0.3nH	0603	TOKO	LL1608-FH2N2S
140	L5	07103220	Inductor Chip 2.2nH	±0.3nH	0603	TOKO	LL1608-FH2N2S
141	L6	07103330	Inductor Chip 3.3nH	±0.3nH	0603	TOKO	LL1608-FH3N3S
142	L7	07103680	Inductor Chip 6.8nH	±10%	0603	TOKO	LL1608-FH6N8K
143	L101	07103330	Inductor Chip 3.3nH	±0.3nH	0603	TOKO	LL1608-FH3N3S
144	L102	07103330	Inductor Chip 3.3nH	±0.3nH	0603	TOKO	LL1608-FH3N3S
145	L103	07103330	Inductor Chip 3.3nH	±0.3nH	0603	TOKO	LL1608-FH3N3S
146	L104	07115220	Inductor Chip 220nH	±10%	0805	COILCRAFT	0805CS-221-XKBC
147	L105	07115220	Inductor Chip 220nH	±10%	0805	COILCRAFT	0805CS-221-XKBC
148	L106	07114680	Inductor Chip 68nH	±10%	0805	COILCRAFT	0805CS-680-XKBC
149	L112	07103680	Inductor Chip 6.8nH	±10%	0603	TOKO	LL1608-FH6N8K
150	L113	07104220	Inductor Chip 22nH	±10%	0603	TOKO	LL1608-FH22NK
151	R1	01235220	Resistor 220K	±5%	0603	ROHM	MCR03xxxxJW224
152	R2	01230100	Resistor 1R0	±5%	0603	ROHM	MCR03xxxxJW1R0
153	R3	01233390	Resistor 3K9	±5%	0603	ROHM	MCR03xxxxJW392
154	R4	01236100	Resistor 1M	±5%	0603	ROHM	MCR03xxxxJW105
155	R5	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
156	R6	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
157	R7	01234270	Resistor 27K	±5%	0603	ROHM	MCR03xxxxJW273
158	R8	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
159	R9	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
160	R10	01232100	Resistor 100R	±5%	0603	ROHM	MCR03xxxxJW101
161	R11	01232100	Resistor 100R	±5%	0603	ROHM	MCR03xxxxJW101
162	R12	01232100	Resistor 100R	±5%	0603	ROHM	MCR03xxxxJW101
163	R13	01232470	Resistor 470R	±5%	0603	ROHM	MCR03xxxxJW471
164	R14	01233220	Resistor 2K2	±5%	0603	ROHM	MCR03xxxxJW222
165	R15	01232100	Resistor 100R	±5%	0603	ROHM	MCR03xxxxJW101

166	R16	01232100	Resistor 100R	±5%	0603	ROHM	MCR03xxxxJW101
167	R17	01232470	Resistor 470R	±5%	0603	ROHM	MCR03xxxxJW471
168	R18	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
169	R19	01233470	Resistor 4K7	±5%	0603	ROHM	MCR03xxxxJW472
170	R20	01236100	Resistor 1M	±5%	0603	ROHM	MCR03xxxxJW105
171	R21	01234470	Resistor 47K	±5%	0603	ROHM	MCR03xxxxJW473
172	R22	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
173	R23	01235100	Resistor 100K	±5%	0603	ROHM	MCR03xxxxJW104
174	R24	01232470	Resistor 470R	±5%	0603	ROHM	MCR03xxxxJW471
175	R25	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
176	R26	01232470	Resistor 470R	±5%	0603	ROHM	MCR03xxxxJW471
177	R27	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
178	R28	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
179	R36	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
180	R42	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
181	R43	01232180	Resistor 180R	±5%	0603	ROHM	MCR03xxxxJW181
182	R44	01234220	Resistor 22K	±5%	0603	ROHM	MCR03xxxxJW223
183	R45	01234470	Resistor 47K	±5%	0603	ROHM	MCR03xxxxJW473
184	R46	01234470	Resistor 47K	±5%	0603	ROHM	MCR03xxxxJW473
185	R101	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
186	R103	01232150	Resistor 150R	±5%	0603	ROHM	MCR03xxxxJW151
187	R104	01231220	Resistor 22R	±5%	0603	ROHM	MCR03xxxxJW220
188	R105	01231220	Resistor 22R	±5%	0603	ROHM	MCR03xxxxJW220
189	R106	01231470	Resistor 47R	±5%	0603	ROHM	MCR03xxxxJW470
190	R107	01231220	Resistor 22R	±5%	0603	ROHM	MCR03xxxxJW220
191	R108	01231220	Resistor 22R	±5%	0603	ROHM	MCR03xxxxJW220
192	R109	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
193	R110	01233330	Resistor 3K3	±5%	0603	ROHM	MCR03xxxxJW332
194	R111	01233330	Resistor 3K3	±5%	0603	ROHM	MCR03xxxxJW332
195	R112	01232470	Resistor 470R	±5%	0603	ROHM	MCR03xxxxJW471
196	R113	01233330	Resistor 3K3	±5%	0603	ROHM	MCR03xxxxJW332
197	R117	01233220	Resistor 2K2	±5%	0603	ROHM	MCR03xxxxJW222
198	R118	01233330	Resistor 3K3	±5%	0603	ROHM	MCR03xxxxJW332
199	R119	01233220	Resistor 2K2	±5%	0603	ROHM	MCR03xxxxJW222
200	R127	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
201	R129	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
202	R130	01232100	Resistor 100R	±5%	0603	ROHM	MCR03xxxxJW101
203	R131	01234220	Resistor 22K	±5%	0603	ROHM	MCR03xxxxJW223
204	R132	01232680	Resistor 680R	±5%	0603	ROHM	MCR03xxxxJW681
205	R133	01232680	Resistor 680R	±5%	0603	ROHM	MCR03xxxxJW681
206	R134	01232330	Resistor 330R	±5%	0603	ROHM	MCR03xxxxJW331

207	T1	03290405	BFP405 NPN RF Transistor MW4	SOT343	SIMENS	
208	T102	03040848	Transistor Gen. Purpose NPN BC848W	SOT323	PHILIPS	BC848-W
209	T106	03050520	Transistor RF NPN BFS520	SOT323	PHILIPS	9340 214 20115
210	T107	03130717	Transistor Switch PNP FMMT717	SOT23	ZETEX	FMMT717
211	T108	03070143	Transistor Digital NPN DTC 143EUA	SOT323	PHILIPS	PDTC143EUA
227	X1	615007	X-tal 9.302131 MHz	HC52/U	TeleQuartz	

33	C33	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
34	C34	02486100	Capacitor 1uF X5R 10V	±10%	0805	MURATA	GRM40X5R105K10U530
35	C35	02486100	Capacitor 1uF X5R 10V	±10%	0805	MURATA	GRM40X5R105K10U530
36	C36	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
37	C37	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
38	C38	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
39	C39	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
40	C40	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39X7R104K16xx
41	C41	02189999	Capacitor Not Mounted		0603	MURATA	GRM39COG5R6D50xx
42	C42	02388477	Cap. ELLYT 470uF 16V.	20%	8 x 10	NIC Components C	NACE 470uF/16V. 8 x 10
43	C43	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
44	C44	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
45	C45	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
46	C46	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
47	C47	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
48	C48	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
49	C49	02180100	Capacitor 1p0 NP0 50V	±0.25pF	0603	MURATA	GRM39COG1R0C50xx
50	C50	02189999	Capacitor Not Mounted		0603		
51	C51	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
52	C52	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
53	C53	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
54	C54	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
55	C55	02181100	Capacitor 10p NP0 50V	±0.5pF	0603	MURATA	GRM39COG100D50xx
56	C56	02181100	Capacitor 10p NP0 50V	±0.5pF	0603	MURATA	GRM39COG100D50xx
57	C57	02181100	Capacitor 10p NP0 50V	±0.5pF	0603	MURATA	GRM39COG100D50xx
58	C58	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
59	C59	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
60	C60	02407100	Capacitor 10 uF 4V Tantal	±20%	Size A	MARCON	4MCS106MATER
61	C61	02407100	Capacitor 10 uF 4V Tantal	±20%	Size A	MARCON	4MCS106MATER
62	C62	02417103	Capacitor 10 uF 16V Tantal	20%	Size B	KEMET	T491B106M016AS
63	C63	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
64	C64	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
65	C65	02407100	Capacitor 10 uF 4V Tantal	±20%	Size A	MARCON	4MCS106MATER
66	C66	02407100	Capacitor 10 uF 4V Tantal	±20%	Size A	MARCON	4MCS106MATER
67	C67	02407100	Capacitor 10 uF 4V Tantal	±20%	Size A	MARCON	4MCS106MATER
68	C68	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
69	C69	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
70	C70	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
71	C71	02066220	Capacitor 2.2uF X7R 10V		1206	MURATA	GRM 42-6X7R225K16xx
72	C72	02066220	Capacitor 2.2uF X7R 10V		1206	MURATA	GRM 42-6X7R225K16xx
73	C73	02066220	Capacitor 2.2uF X7R 10V		1206	MURATA	GRM 42-6X7R225K16xx



74	C74	02015220	Capacitor 220n X7R 16V	±10%	0805	MURATA	GRM40X7R224K16xx
75	C75	02438103	Capacitor 100uF 10V Tantal	±20%	Size D	NICHICON	F931A107MDx
76	C76	02406220	Capacitor 2u2 16V Tantal	±20%	Size A	MARCON	16MCS225MATER
77	C77	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
78	C78	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
79	C79	02407100	Capacitor 10 uF 4V Tantal	±20%	Size A	MARCON	4MCS106MATER
80	C80	02066100	Capacitor 1uF X7R 16V	±10%	1206	MURATA	GRM42-6X7R105K16xx
81	C81	02180082	Capacitor 0.82p NP0 50V	±0.25pF	0603	MURATA	GRM39COGR82C50xx
82	C82	02003100	Capacitor 1n0 NP0 50V	±5%	0805	MURATA	GRM40COG102J50xx
83	C83	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
84	C84	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
85	C85	02195100	Capacitor 100n X7R 16V	±10%	0603	MURATA	GRM39X7R104K16xx
86	C86	02181220	Capacitor 22p NP0 50V	±5%	0603	MURATA	GRM39COG220J50xx
87	C87	02194100	Capacitor 10n X7R 50V	±10%	0603	MURATA	GRM39X7R103K50xx
88	C88	02194100	Capacitor 10n X7R 50V	±10%	0603	MURATA	GRM39X7R103K50xx
89	C101	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
90	C103	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
91	C104	02180330	Capacitor 3p3 NP0 50V	±0.25pF	0603	MURATA	GRM39COG3R3C50xx
92	C105	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
93	C106	02180330	Capacitor 3p3 NP0 50V	±0.25pF	0603	MURATA	GRM39COG3R3C50xx
94	C107	02180220	Capacitor 2p2 NP0 50V	±0.25pF	0603	MURATA	GRM39COG2R2C50xx
95	C108	02189999	Capacitor Not Mounted		0603		
96	C109	02180470	Capacitor 4p7 NP0 50V	±0.25pF	0603	MURATA	GRM39COG4R7C50xx
97	C110	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
98	C111	02182100	Capacitor 100p NP0 50V	±5%	0603	MURATA	GRM39COG101J50xx
99	C112	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
100	C113	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
101	C114	04280639	Diode Cap. BB639		SOD323	SIEMENS	BB639
102	C115	02181100	Capacitor 10p NP0 50V	±0.5pF	0603	MURATA	GRM39COG100D50xx
103	C116	02193100	Capacitor 1n X7R 50V	±10%	0603	MURATA	GRM39X7R102K50xx
104	C117	02181680	Capacitor 68p NP0 50V	±5%	0603	MURATA	GRM39COG680J50xx
105	C118	02181330	Capacitor 33p NP0 50V	±5%	0603	MURATA	GRM39COG330J50xx
106	C119	02181330	Capacitor 33p NP0 50V	±5%	0603	MURATA	GRM39COG330J50xx
107	C120	02181330	Capacitor 33p NP0 50V	±5%	0603	MURATA	GRM39COG330J50xx
108	C121	02182680	Capacitor 680p NP0 25V	±5%	0603	MURATA	GRM 39C0H681J25
109	C122	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
110	C123	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
111	C124	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
112	C125	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
113	C126	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
114	C127	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx

115	C128	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
116	C129	02194100	Capacitor 10n X7R 50V	±10%	0603	MURATA	GRM39X7R103K50xx
117	C130	02181100	Capacitor 10p NP0 50V	±0.5pF	0603	MURATA	GRM39COG100D50xx
118	C131	02181100	Capacitor 10p NP0 50V	±0.5pF	0603	MURATA	GRM39COG100D50xx
119	C133	02406220	Capacitor 2u2 16V Tantal	±20%	Size A	MARCON	16MCS225MATER
120	C134	02181330	Capacitor 33p NP0 50V	±5%	0603	MURATA	GRM39COG330J50xx
121	C140	02003100	Capacitor 1n0 NP0 50V	±5%	0805	MURATA	GRM40COG102J50xx
122	C141	02003470	Capacitor 4n7 NP0 63V	±5%	0805	PHILIPS	2222 890 105 58
123	C142	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
124	C143	02189999	Capacitor Not Mounted		0603		
125	C151	02181470	Capacitor 47p NP0 50V	±5%	0603	MURATA	GRM39COG470J50xx
126	C153	02181220	Capacitor 22p NP0 50V	±5%	0603	MURATA	GRM39COG220J50xx
127	C155	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
128	C159	02180150	Capacitor 1p5 NP0 50V	±0.25pF	0603	MURATA	GRM39COG1R5C50xx
129	C160	02180150	Capacitor 1p5 NP0 50V	±0.25pF	0603	MURATA	GRM39COG1R5C50xx
130	C161	02180220	Capacitor 2p2 NP0 50V	±0.25pF	0603	MURATA	GRM39COG2R2C50xx
131	C162	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
132	C163	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
133	C164	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
134	C165	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
135	C166	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
136	C167	02181220	Capacitor 22p NP0 50V	±5%	0603	MURATA	GRM39COG220J50xx
137	C168	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
138	C169	02182470	Capacitor 470p NP0 50V	±5%	0603	MURATA	GRM39COG471J50xx
139	C170	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
140	C173	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
141	C175	02180047	Capacitor 0.47p NP0 50V	±0.25pF	0603	MURATA	GRM39COGR47C50xx
142	C176	02180680	Capacitor 6p8 NP0 50V	±0.5pF	0603	MURATA	GRM39COG6R8D50xx
143	C177	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
144	C179	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
145	C180	02182100	Capacitor 100p NP0 50V	±5%	0603	MURATA	GRM39COG101J50xx
146	C181	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
147	C182	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
148	C185	02180560	Capacitor 5p6 NP0 50V	±0.5pF	0603	MURATA	GRM39COG5R6D50xx
149	D1	04296405	Diode Dual Pin BAR64-05		SOT23	SIEMENS	BAR64-05
150	D2	04280639	Diode Cap. BB639		SOD323	SIEMENS	BB639
151	D3	04132017	Diode Power AF BYD17D 200V		SOD87	PHILIPS	BYD17D
152	D4	04000016	Diode High Speed BAS16		SOT23	PHILIPS	9334 606 20215
153	D5	04020043	Diode Schottky small signal BAR 43S		SOT23	SGS Thomson	BAR 43S SOT23
154	D6	04320018	Diode Trans. Bi. SM6T18C V. Suppressors			SGS Thomsen	SMT6T18
155	D7	04320018	Diode Trans. Bi. SM6T18C V. Suppressors			SGS Thomsen	SMT6T18

156	D8	04230001	LED red Surface Mount		0805	STANLEY	Stanley BR1112H
157	D9	04230035	LED Right Angle Surface Mount			Siemens	LS A670K
158	D10	04230035	LED Right Angle Surface Mount			Siemens	LS A670K
159	D11	04000016	Diode High Speed BAS16		SOT23	PHILIPS	9334 606 20215
160	D12	04040111	Diode Zener BZD27C11V		SOD87	PHILIPS	BZD27C11
161	D13	04040111	Diode Zener BZD27C11V		SOD87	PHILIPS	BZD27C11
162	D14	04060051	Diode Zener BZX84C5V1		SOT23	PHILIPS	BZX84C5V1
163	D16	04060051	Diode Zener BZX84C5V1		SOT23	PHILIPS	BZX84C5V1
164	D101	04298000	Diode PIN BAR80		MW-4	SIEMENS	BAR80 MW-4
165	D104	04306303	Diode PIN BAR63-03W		SOD323	SIEMENS	BAR63-03W
166	D105	04340051	Diode Vol. reg. BZX284C5V1		SOD110	PHILIPS	BZX284C5V1 SOD110
167	FL2		Ceramic BP Filter			Siemens	B69812-N2457-B301
168	FL3		Ceramic BP Filter			Siemens	B69812-N2457-B301
169	FL103	15040001	BPF SAW 110.6 MHz		SMD	MURATA	SAFU110.6 MSA
177	IC1	05354421	Burst mode controller SC14421			NATIONAL	SC14421
178	IC2	05292404	EEProm AT24C04N-10SC-2.7V		SO8	Atmel	AT24C04N-10SC 2.7V SO8
179	IC3	05136121	M30612GFP PQFP100			mitsubishi	M30612 PQFP100
180	IC4	05270021	AT29LVO20-25T			ATMEL	AT29LVO20-25T
181	IC5	05030074	74HC74AM SO8			NATIONAL	MM74HC74AM
182	IC6	05342205	Power Amplifier DECT ITT2205AF 0.5W		TSSOP-16	ITT	ITT2205AF 0.5W TSSOP-16
183	IC7	17040630	VCO URAE 630			ALPS Electric CO	VCO URAE 630
184	IC8	05156482	LMC6482IM Dual Op-Amp SO8		SO8	National Semicon.	LMC6482IM
185	IC9	05169512	Regulator with LP2951CM-5 Volt		SO8	NATIONAL	LP2951CM-5
186	IC10	05034053	74HC4053 SO16		SO8	PHILIPS	74HC4053 D SO8
187	IC11	05150393	LM393M Dual Comparator SO8			NATIONAL	LM393M SO8-Housing
188	IC101	05413162	Transceiver LMX3162 DECT		48 pin	National Semi	LMX3162
189	IC102	05169801	Voltage regulator LP2980 3.0V		SOT23-5	NATIONAL	LP2980IM5X-3.0
190	J1						
191	J2	24018025	Modular Jack Side entry. SMD			Molex A/S	85502-0005
192	J3	24018025	Modular Jack Side entry. SMD			Molex A/S	85502-0005
193	J4						
194	J5	24090001	Connector for DC SMD			Hosiden	HEC3350-012110
195	J6						
196	J7						
197	J8	24018020	Modular Jack Side entry. SMD			Molex A/S	85502-0008
198	J9						
199	L1	07103220	Inductor Chip 2.2nH	±0.3nH	0603	TOKO	LL1608-FH2N2S
200	L2	07104100	Inductor Chip 10nH	±10%	0603	TOKO	LL1608-FH10NK
201	L4	07103220	Inductor Chip 2.2nH	±0.3nH	0603	TOKO	LL1608-FH2N2S
202	L5	07103220	Inductor Chip 2.2nH	±0.3nH	0603	TOKO	LL1608-FH2N2S
203	L6	07103680	Inductor Chip 6.8nH	±10%	0603	TOKO	LL1608-FH6N8K

204	L101	07103330	Inductor Chip 3.3nH	±0.3nH	0603	TOKO	LL1608-FH3N3S
205	L102	07103330	Inductor Chip 3.3nH	±0.3nH	0603	TOKO	LL1608-FH3N3S
206	L103	07103330	Inductor Chip 3.3nH	±0.3nH	0603	TOKO	LL1608-FH3N3S
207	L104	07115220	Inductor Chip 220nH	±10%	0805	COILCRAFT	0805CS-221-XKBC
208	L105	07115220	Inductor Chip 220nH	±10%	0805	COILCRAFT	0805CS-221-XKBC
209	L106	07114680	Inductor Chip 68nH	±10%	0805	COILCRAFT	0805CS-680-XKBC
210	L112	07103680	Inductor Chip 6.8nH	±10%	0603	TOKO	LL1608-FH6N8K
211	L113	07104220	Inductor Chip 22nH	±10%	0603	TOKO	LL1608-FH22NK
212	R1	01236100	Resistor 1M	±5%	0603	ROHM	MCR03xxxxJW105
213	R2	01236100	Resistor 1M	±5%	0603	ROHM	MCR03xxxxJW105
214	R3	01232680	Resistor 680R	±5%	0603	ROHM	MCR03xxxxJW681
215	R4	01232330	Resistor 330R	±5%	0603	ROHM	MCR03xxxxJW331
216	R5	01234180	Resistor 18K	±5%	0603	ROHM	MCR03xxxxJW183
217	R6	01239999	Resistor N.M.		0603		
218	R7	01233470	Resistor 4K7	±5%	0603	ROHM	MCR03xxxxJW472
219	R8	01233470	Resistor 4K7	±5%	0603	ROHM	MCR03xxxxJW472
220	R9	01231470	Resistor 47R	±5%	0603	ROHM	MCR03xxxxJW470
221	R10	01231470	Resistor 47R	±5%	0603	ROHM	MCR03xxxxJW470
222	R11	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
223	R12	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
224	R13	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
225	R14	01233100	Resistor 1K0	±5%	0603	ROHM	MCR03xxxxJW102
226	R15	01230100	Resistor 1R0	±5%	0603	ROHM	MCR03xxxxJW1R0
227	R16	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
228	R17	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
229	R18	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
230	R19	01239999	Resistor N.M.		0603		
231	R20	01230000	Resistor 0R0		0603	ROHM	MCR03xxxxJW000
232	R21	01232100	Resistor 100R	±5%	0603	ROHM	MCR03xxxxJW101
233	R22	01233470	Resistor 4K7	±5%	0603	ROHM	MCR03xxxxJW472
234	R23	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
235	R24	01233100	Resistor 1K0	±5%	0603	ROHM	MCR03xxxxJW102
236	R25	01232100	Resistor 100R	±5%	0603	ROHM	MCR03xxxxJW101
237	R26	01231470	Resistor 47R	±5%	0603	ROHM	MCR03xxxxJW470
238	R27	01020470	Resistor 4R7	±5%	0805	ROHM	MCR 10J4R7
239	R28	01232680	Resistor 680R	±5%	0603	ROHM	MCR03xxxxJW681
240	R29	01233470	Resistor 4K7	±5%	0603	ROHM	MCR03xxxxJW472
241	R30	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
242	R31	01232150	Resistor 150R	±5%	0603	ROHM	MCR03xxxxJW151
243	R32	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
244	R33	01231220	Resistor 22R	±5%	0603	ROHM	MCR03xxxxJW220

245	R34	01234330	Resistor 33K	±5%	0603	ROHM	MCR03xxxxJW333
246	R35	01230100	Resistor 1R0	±5%	0603	ROHM	MCR03xxxxJW1R0
247	R36	01230100	Resistor 1R0	±5%	0603	ROHM	MCR03xxxxJW1R0
248	R37	01233470	Resistor 4K7	±5%	0603	ROHM	MCR03xxxxJW472
249	R38	01234330	Resistor 33K	±5%	0603	ROHM	MCR03xxxxJW333
250	R39	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
251	R40	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
252	R41	01235330	Resistor 330K	±5%	0603	ROHM	MCR03xxxxJW334
253	R42	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
254	R43	01232180	Resistor 180R	±5%	0603	ROHM	MCR03xxxxJW181
255	R44	01234220	Resistor 22K	±5%	0603	ROHM	MCR03xxxxJW223
256	R45	01234470	Resistor 47K	±5%	0603	ROHM	MCR03xxxxJW473
257	R46	01234470	Resistor 47K	±5%	0603	ROHM	MCR03xxxxJW473
258	R47	01233100	Resistor 1K0	±5%	0603	ROHM	MCR03xxxxJW102
259	R48	01233220	Resistor 2K2	±5%	0603	ROHM	MCR03xxxxJW222
260	R49	01232820	Resistor 820R	±5%	0603	ROHM	MCR03xxxxJW821
261	R50	01232820	Resistor 820R	±5%	0603	ROHM	MCR03xxxxJW821
262	R51	01233220	Resistor 2K2	±5%	0603	ROHM	MCR03xxxxJW222
263	R52	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
264	R53	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
265	R54	01231330	Resistor 33R	±5%	0603	ROHM	MCR03xxxxJW330
266	R55	01230680	Resistor 6R8	±5%	0603	ROHM	MCR03xxxxJW6R8
267	R56	01239999	Resistor N.M.		0603		
268	R57	01231470	Resistor 47R	±5%	0603	ROHM	MCR03xxxxJW470
269	R58	01232180	Resistor 180R	±5%	0603	ROHM	MCR03xxxxJW181
270	R59	01232180	Resistor 180R	±5%	0603	ROHM	MCR03xxxxJW181
271	R60	01235220	Resistor 220K	±5%	0603	ROHM	MCR03xxxxJW224
272	R61	01231680	Resistor 68R	±5%	0603	ROHM	MCR03xxxxJW680
273	R62	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
274	R63	01232220	Resistor 220R	±5%	0603	ROHM	MCR03xxxxJW221
275	R64	01235100	Resistor 100K	±5%	0603	ROHM	MCR03xxxxJW104
276	R65	01232220	Resistor 220R	±5%	0603	ROHM	MCR03xxxxJW221
277	R66	01243510	Resistor 5K1	±1%	0603	ROHM	MCR 03 EZP FX 512
278	R67	01233390	Resistor 3K9	±5%	0603	ROHM	MCR03xxxxJW392
279	R68	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
280	R69	01232150	Resistor 150R	±5%	0603	ROHM	MCR03xxxxJW151
281	R70	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
282	R71	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
283	R72	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
284	R73	01234470	Resistor 47K	±5%	0603	ROHM	MCR03xxxxJW473
285	R74	01235100	Resistor 100K	±5%	0603	ROHM	MCR03xxxxJW104

286	R75	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
287	R76	01234470	Resistor 47K	±5%	0603	ROHM	MCR03xxxxJW473
288	R77	01233100	Resistor 1K0	±5%	0603	ROHM	MCR03xxxxJW102
289	R78	01231470	Resistor 47R	±5%	0603	ROHM	MCR03xxxxJW470
290	R79	01020470	Resistor 4R7	±5%	0805	ROHM	MCR 10J4R7
291	R80	01232680	Resistor 680R	±5%	0603	ROHM	MCR03xxxxJW681
292	R81	01233470	Resistor 4K7	±5%	0603	ROHM	MCR03xxxxJW472
293	R82	01232100	Resistor 100R	±5%	0603	ROHM	MCR03xxxxJW101
294	R83	01234470	Resistor 47K	±5%	0603	ROHM	MCR03xxxxJW473
295	R84	01235100	Resistor 100K	±5%	0603	ROHM	MCR03xxxxJW104
296	R85	01233100	Resistor 1K0	±5%	0603	ROHM	MCR03xxxxJW102
297	R86	01239999	Resistor N.M.		0603		
298	R87	01233100	Resistor 1K0	±5%	0603	ROHM	MCR03xxxxJW102
299	R88	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
300	R89	01234470	Resistor 47K	±5%	0603	ROHM	MCR03xxxxJW473
301	R90	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
302	R91	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
303	R92	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
304	R93	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
305	R94	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
306	R95	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
307	R96	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
308	R97	01232560	Resistor 560R	±5%	0603	ROHM	MCR03xxxxJW561
309	R98	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
310	R99	01230100	Resistor 1R0	±5%	0603	ROHM	MCR03xxxxJW1R0
311	R100	01230100	Resistor 1R0	±5%	0603	ROHM	MCR03xxxxJW1R0
312	R101	01234100	Resistor 10K	±5%	0603	ROHM	MCR03xxxxJW103
313	R102	01233470	Resistor 4K7	±5%	0603	ROHM	MCR03xxxxJW472
314	R103	01232150	Resistor 150R	±5%	0603	ROHM	MCR03xxxxJW151
315	R104	01231220	Resistor 22R	±5%	0603	ROHM	MCR03xxxxJW220
316	R105	01231220	Resistor 22R	±5%	0603	ROHM	MCR03xxxxJW220
317	R106	01231470	Resistor 47R	±5%	0603	ROHM	MCR03xxxxJW470
318	R107	01231220	Resistor 22R	±5%	0603	ROHM	MCR03xxxxJW220
319	R108	01231220	Resistor 22R	±5%	0603	ROHM	MCR03xxxxJW220
320	R109	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
321	R110	01233330	Resistor 3K3	±5%	0603	ROHM	MCR03xxxxJW332
322	R111	01233330	Resistor 3K3	±5%	0603	ROHM	MCR03xxxxJW332
323	R112	01233100	Resistor 1K0	±5%	0603	ROHM	MCR03xxxxJW102
324	R113	01233330	Resistor 3K3	±5%	0603	ROHM	MCR03xxxxJW332
325	R114	01232100	Resistor 100R	±5%	0603	ROHM	MCR03xxxxJW101
326	R115	01234270	Resistor 27K	±5%	0603	ROHM	MCR03xxxxJW273

327	R116	01239999	Resistor N.M.		0603		
328	R117	01233220	Resistor 2K2	±5%	0603	ROHM	MCR03xxxxJW222
329	R118	01233330	Resistor 3K3	±5%	0603	ROHM	MCR03xxxxJW332
330	R119	01233220	Resistor 2K2	±5%	0603	ROHM	MCR03xxxxJW222
331	R120	01232100	Resistor 100R	±5%	0603	ROHM	MCR03xxxxJW101
332	R121	01239999	Resistor N.M.		0603		
333	R122	01233330	Resistor 3K3	±5%	0603	ROHM	MCR03xxxxJW332
334	R127	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
335	R129	01231100	Resistor 10R	±5%	0603	ROHM	MCR03xxxxJW100
336	R130	01232100	Resistor 100R	±5%	0603	ROHM	MCR03xxxxJW101
337	R131	01234220	Resistor 22K	±5%	0603	ROHM	MCR03xxxxJW223
338	R132	01232680	Resistor 680R	±5%	0603	ROHM	MCR03xxxxJW681
339	R133	01232680	Resistor 680R	±5%	0603	ROHM	MCR03xxxxJW681
340	R134	01232330	Resistor 330R	±5%	0603	ROHM	MCR03xxxxJW331
341	R135	01233470	Resistor 4K7	±5%	0603	ROHM	MCR03xxxxJW472
342	RL1	09000001	Relay PS-6 SMD			Meisei	PS-6
343	RL2	09000001	Relay PS-6 SMD			Meisei	PS-6
344	S1						
345	S2						
346	S3	19000241	Switch miniature side actuated. SMT			ITT-Cannon	KSS241G
347	T1	03290420	Transistor RF NPN BFP420		SOT343	SIEMENS	BFP420; SOT343
348	T2	03123858	Transistor Gen Purpose PNP BC858C		SOT23	PHILIPS	BC858-C
349	T3	03122847	Transistor AF NPN BC847B		SOT23	PHILIPS	BC847B
350	T4	03122847	Transistor AF NPN BC847B		SOT23	PHILIPS	BC847B
351	T5	08032886	Transformer Audio EI-16. HF/B2886Q			Hang Fai Electrical	HF/B2886Q
352	T6	03122848	Transistor Gen Purpose NPN BC848B		SOT23	PHILIPS	BC848-B
353	T7	03122848	Transistor Gen Purpose NPN BC848B		SOT23	PHILIPS	BC848-B
354	T8	08032885	Transformer Audio EI-16. HF/B2885Q			Hang Fai Electrical	HF/B2885Q
355	T9	03160051	Transistor Power BCP51 PNP LF 1.3W		SOT223	PHILIPS	
356	T10	03122847	Transistor AF NPN BC847B		SOT23	PHILIPS	BC847B
357	T11	03122848	Transistor Gen Purpose NPN BC848B		SOT23	PHILIPS	BC848-B
358	T12	03122848	Transistor Gen Purpose NPN BC848B		SOT23	PHILIPS	BC848-B
359	T13	03160051	Transistor Power BCP51 PNP LF 1.3W		SOT223	PHILIPS	
360	T14	03160051	Transistor Power BCP51 PNP LF 1.3W		SOT223	PHILIPS	
361	T15	03123858	Transistor Gen Purpose PNP BC858C		SOT23	PHILIPS	BC858-C
362	T16	03122847	Transistor AF NPN BC847B		SOT23	PHILIPS	BC847B
363	T17	03122847	Transistor AF NPN BC847B		SOT23	PHILIPS	BC847B
364	T18	03122847	Transistor AF NPN BC847B		SOT23	PHILIPS	BC847B
365	T19	03160051	Transistor Power BCP51 PNP LF 1.3W		SOT223	PHILIPS	
366	T20	03160051	Transistor Power BCP51 PNP LF 1.3W		SOT223	PHILIPS	
367	T102	03040848	Transistor Gen. Purpose NPN BC848W		SOT323	PHILIPS	BC848-W

368	T106	03050520	Transistor RF NPN BFS520	SOT323	PHILIPS	9340 214 20115
369	T107	03130717	Transistor Switch PNP FMMT717	SOT23	ZETEX	FMMT717
370	T108	03070143	Transistor Digital NPN DTC 143EUA	SOT323	PHILIPS	PDTC143EUA
418	U1	05360357	Photocoupler PC357T 4p SMD		SHARP PC357T	
419	U2	05360357	Photocoupler PC357T 4p SMD		SHARP PC357T	
420	X1		Crystal 9.302131 MHz			