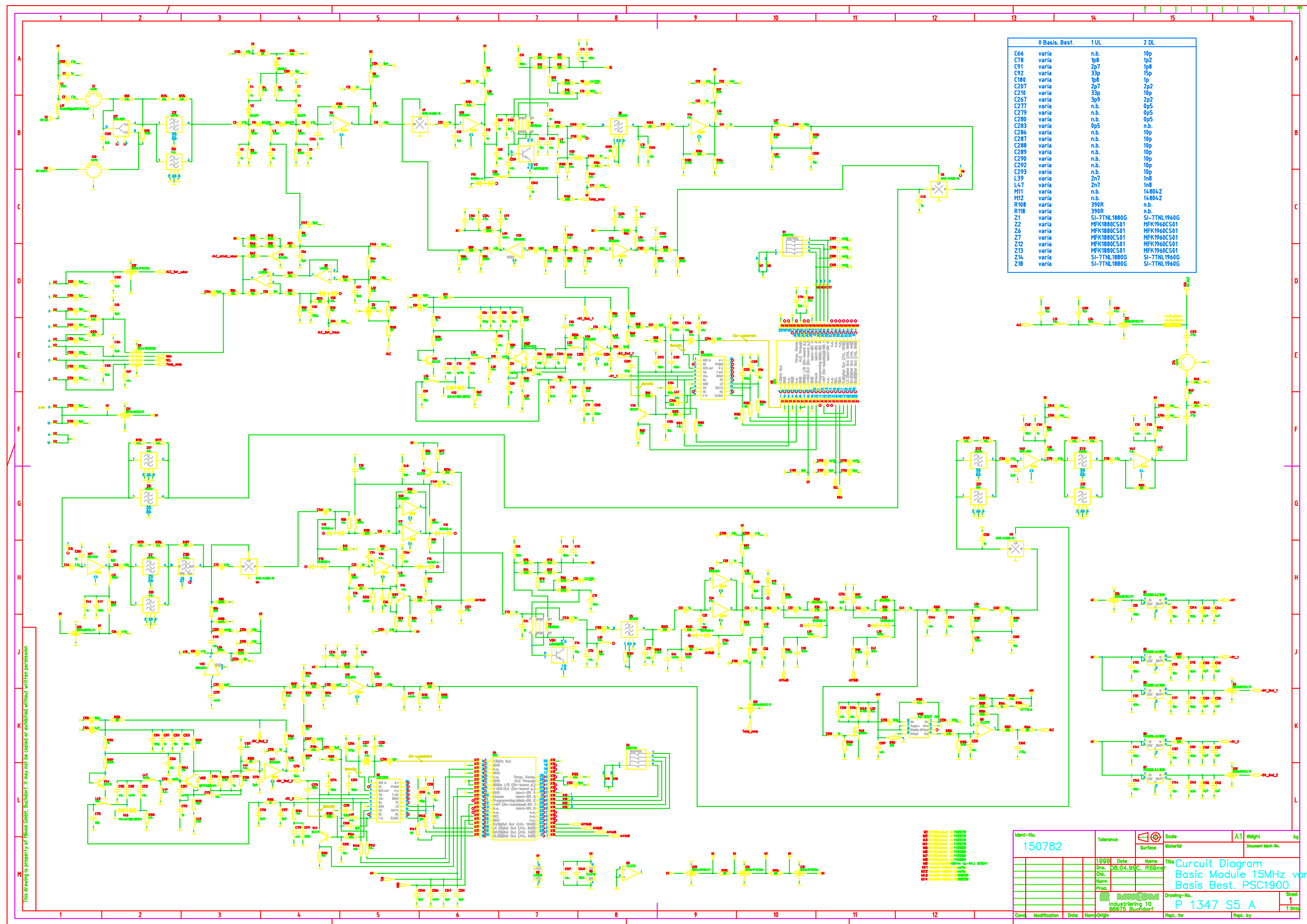
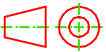
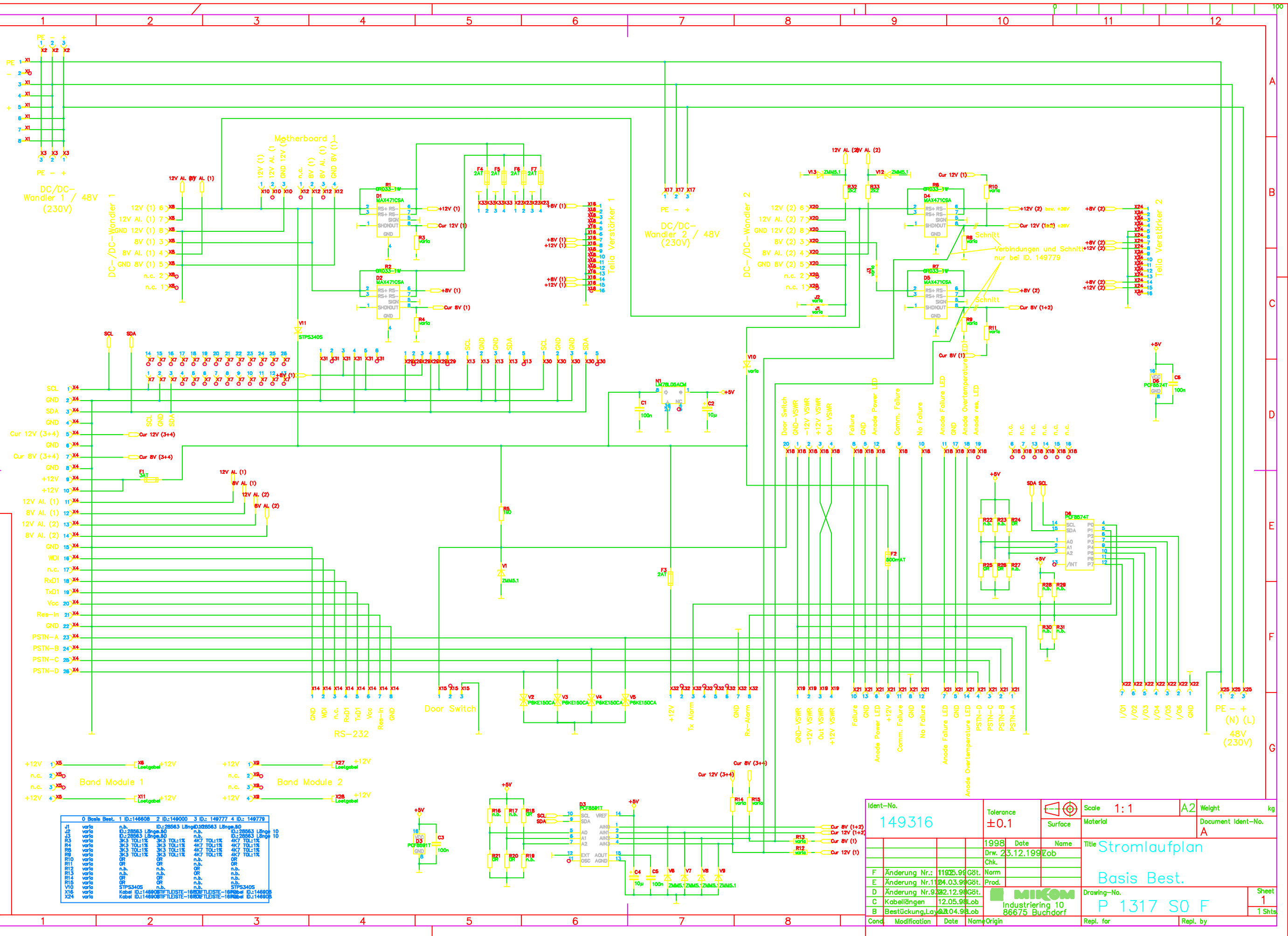




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	1	2	3	4	100					
A										
B										
C	X1 Dummy 2 SAFC836.5MA90N Z1 5 X2 Dummy 3 4									
D										
E										
F	Ident-No.		Tolerance			Scale 1:1	A4	Weight	kg	
	149114				Surface	Material		Document Ident-No.		
			1998	Date	Name	Title Circuit Diagram				
			Drw.	17.11.98	C. RÖßNER					
			Chk.							
			Norm							
			Prod.							
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						Repl. by				

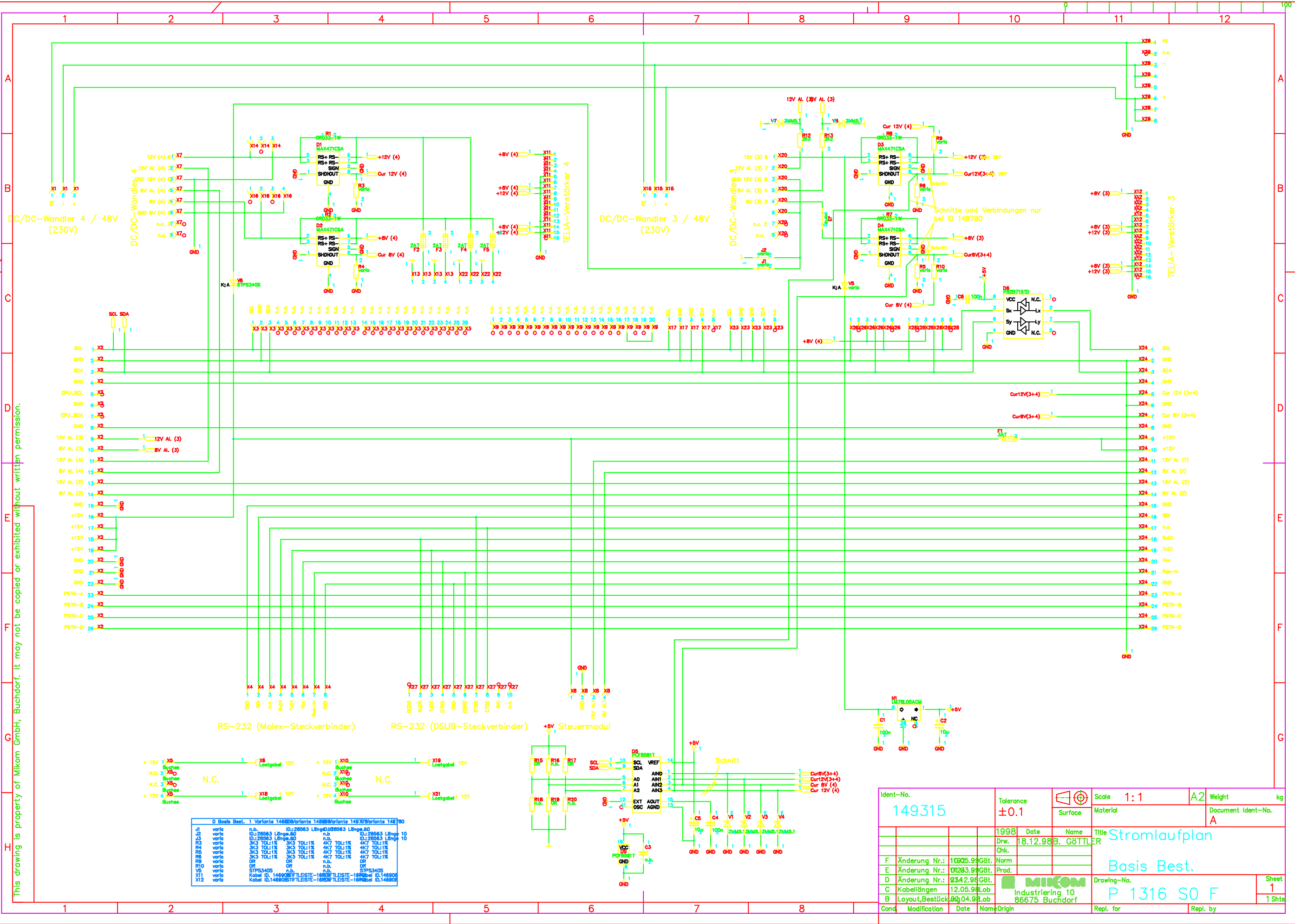
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149316								Material		Document Ident-No. A		
				1998	Date	Name	Title Stromlaufplan Basis Best. Drawing-No. P 1317 S0 F					
				Drw.	23.12.1998	Zob						
				Chk.								
				Norm								
F	Änderung Nr.:	11905.98	Göt.	Norm			Sheet 1 1 Shts					
E	Änderung Nr.:	124.03.98	Göt.	Prod.								
D	Änderung Nr.:	9322.12.98	Göt.									
C	Kabelängen	12.05.98	Lob									
B	Bestückung Lay	02.04.98	Lob				Sheet 1 1 Shts					
A												
Cond.		Modification	Date	Name	Origin	Repl. for			Repl. by			

M1	Konfektioniertes Kabel	Id.146076
M2	Konfektioniertes Kabel	Id.146076
M3	Konfektioniertes Kabel	Id.146080
M4	Konfektioniertes Kabel	Id.146080
M5	Konfektioniertes Kabel	Id.143881
M8	Schraube Id.-148522	
M9	Schraube Id.-148522	

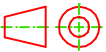
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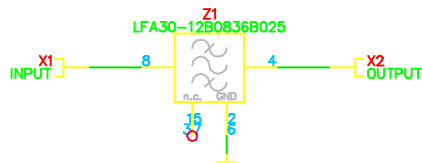
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149778	Main Board 26V version/00 Platine best. 1316.3 P1316B0F			1,000 S
+ 149315	Platine best. 1316.3 WSt: FR4 P1316B0F	10		1,000 S
+ 148098	Widerstand SMD 4,7kOhm ñ1%, 0,25W, 1206	20		4,000 S
+ 149322	Stiftleiste, 16-polig Steckanschluß RM 2.54	30		2,000 S
** Gesamtsumme Teile **				7,000

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl ME
149777	Main Board 26V version/00 populated Board 1317.3 P1317B0F			1,000 S
+ 149316	Platine best. 1317.3 WSt: FR4 P1317B0F	10		1,000 S
+ 8722	Widerstand SMD 0,00hm ñ5%, 0,25W, 1206	20		2,000 S
+ 148098	Widerstand SMD 4,7kOhm ñ1%, 0,25W, 1206	30		4,000 S
+ 149322	Stiftleiste, 16-polig Steckanschluß RM 2.54	40		2,000 S
	** Gesamtsumme Teile **			9,000

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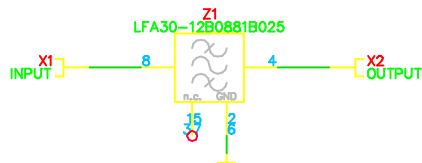
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B										
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D										
E										
F	Ident-No.		Tolerance			Scale 1:1	A4	Weight	kg	
	149119				Surface	Material		Document Ident-No.		
			1998	Date	Name	Title Circuit Diagram				
			Drw.	17.11.98	C. RÖßNER					
			Chk.							
			Norm							
			Prod.							
						Drawing-No. P 1267 S2 A				
	Cond.	Modification	Date	Name	Origin	Repl. for		Repl. by		
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Ident-No.				Tolerance				Scale 1:1		A4		Weight		kg	
149113						Surface		Material				Document Ident-No. A			
				1998	Date	Name		Title Circuit Diagram							
				Drw.	17.11.98	C. RÖBNER									
				Chk.											
				Norm											
				Prod.											
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Cond.	Modification	Date	Name	Origin				Repl. for				Repl. by			

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Ident-No.				Tolerance				Scale 1:1		A4		Weight		kg			
149123						Surface		Material				Document Ident-No. A					
				1998		Date		Name		Title Circuit Diagram							
				Drw.		17.11.98		C. RÖBNER									
				Chk.													
				Norm													
				Prod.													
				 MIKOM Industriering 10 86675 Buchdorf						Drawing-No.				Sheet			
										P 1374 S1 A				1			
														Shts			
Cond.		Modification		Date		Name		Origin		Repl. for				Repl. by			

Designation	Type	Casing	Id.-No.	Function	Current [mA]	Voltage [V]
V1	ZMM5.1	MMELF_C	90134	voltage reference	6	2.5
V2	BA679	MMELF_S	41715	attenuator	3	0.6
V3	BA679	MMELF_S	41715	attenuator	3	0.6
V4	BA679	MMELF_S	41715	attenuator	10	0.6
V5	BA679	MMELF_S	41715	attenuator	10	0.6
V6	n.b.	WW107_S				
V7	MRF5812	SO8NB_C	140923	npn transistor	65	6.2
V8	LL4148	MMELF_S	15321	pn diode	3	0.7
V9	BCX19	SOT23_S	23861	npn transistor	44	0.1
V10	BAR63-4	SOT23_C	140692	attenuator	1	0.5
V11	n.b.	SOT143_C				
V12	BAR63-4	SOT23_C	140692	attenuator	1.6	0.5
V13	BAR63-4	SOT23_C	140692	attenuator	1	0.5
V14	n.b.	WW107_C				
V15	BAR63-4	SOT23_C	140692	attenuator	1.6	0.5
V16	n.b.	SOT23_S				
V17	n.b.	SOT23_C				
V18	BCX56	SOT89_S	81539	transistor	70	
V19	BAR63-4	SOT23_C	140692	attenuator	1	0.5
V20	ERA2SM	WW107_C	144379	amplifier	46	3.6
V21	BAR63-4	SOT23_C	140692	attenuator	4	0.5
V22	BAR63-4	SOT23_C	140692	attenuator	4	0.5
V23	n.b.	SOT23_C	23663	pnnp transistor		
V24	n.b.	SOT143_C				
V25	ERA3SM	WW107_C	145224	attenuator	37	3.6
V26	ERA2SM	WW107_C	144379	attenuator	46	3.6
V27	ERA1SM	WW107_C	144378	attenuator	44	3.8
V28	n.b.	SOT23_S				
V29	ERA3SM	WW107_C	145224	attenuator	37	3.6
V30	ERA3SM	WW107_C	145224	attenuator	37	3.6
V31	ERA3SM	WW107_C	145224	attenuator	37	3.6
V32	MA4ST083-287CK	SOT23_C	143829	varicap	0	5
V33	n.b.	SOT23_C				
V34	MRF5812	SO8NB_C	140923	npn transistor	65	6.2
V35	LL4148	MMELF_S	15321	pn diode		
V36	n.b.	WW107_C				
V37	BCX19	SOT23_C	23861	npn transistor	2.5	0.7
V38	BFP420	SOT343A_C	148422	rf npn transistor	30	
V39	ERA3SM	WW107_C	145224	amplifier	33	3.6
V40	n.b.	SNA_C				
V41	n.b.	SOT23_C	23663	pnnp transistor		
V42	SNA-586	WW107_C	143511	amplifier	73	5
V43	MA4ST083-287CK	SOT23_C	143829	varicap	0	5
V44	BCX19	SOT23_C	23861	npn transistor	2.5	0.7
V45	ERA2SM	WW107_C	144379	amplifier	44	3.6
V46	BFP420	SOT343A_C	148422	rf npn transistor	30	
V47	ERA3SM	WW107_C	145224	amplifier	33	3.6
V48	BF999	SOT23_C	142943	mosfet transistor	3	0.7
V49	AD 8307 AR	SO8NB_C	147180	op amp	-	-
V51	BAR64-4	SOT23_C	140862	attenuator	1	0.6

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl ME
148944	Extension Mod. var. BW/00 824-849/869-894MHz G0836Z0A			1,000 S
+ 149169	Assembly drawing G0836M0A	10		0,000 S
+ 149168	Montagematerial	20		1,000 S
+ 148984	Platine best. 1372.1 WSt: FR4 P1372B0X-VORABSTÜCKLISTE	30		2,000 S
+ 75655	Spule SMD 330,0nH, 5% 1206 verg., Keramik-Kern	40		2,000 S
+ 148754	Isolator 869-894 MHz Isolation: 15dB min. SMD	50		1,000 S
+ 148755	Isolator 824-849 MHz Isolation: 15dB min. SMD	60		1,000 S
+ 149113	Platine best. 1374.1 WSt: FR4 P1374B0A	70		3,000 S
+ 149114	Platine best. 1267.1 WSt: FR4 P1267B1A	80		2,000 S
+ 149119	Platine best. 1267.1 WSt: FR4 P1267B2A	90		2,000 S
+ 149123	Platine best. 1374.1 WSt: FR4 P1374B1A	100		3,000 S
** Gesamtsumme Teile **				17,000

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
148984	Platine best. 1372.1 WSt: FR4			1,000	S
+ 148985	P1372BOX-VORABSTÜCKLISTE Platine roh 1372.1 WSt: FR4 (1St.=0,5Nutzen) P1372P0A	10		1,000	S
+ 7914	Widerstand SMD 0,00hm ñ5%, 0,125W, 0805	20		3,000	S
+ 8003	Widerstand SMD 10,00hm ñ5%, 0,125W, 0805	30		2,000	S
+ 8060	Widerstand SMD 18,00hm ñ5%, 0,125W, 0805	40		2,000	S
+ 8078	Widerstand SMD 20,00hm ñ5%, 0,125W, 0805	50		4,000	S
+ 8128	Widerstand SMD 33,00hm ñ5%, 0,125W, 0805	60		2,000	S
+ 8169	Widerstand SMD 51,00hm ñ5%, 0,125W, 0805	70		1,000	S
+ 8193	Widerstand SMD 68,00hm ñ5%, 0,125W, 0805	80		2,000	S
+ 8227	Widerstand SMD 91,00hm ñ5%, 0,125W, 0805	90		2,000	S
+ 8276	Widerstand SMD 150,00hm ñ5%, 0,125W, 0805	100		2,000	S
+ 8417	Widerstand SMD 510,00hm ñ5%, 0,125W, 0805	110		2,000	S
+ 8722	Widerstand SMD 0,00hm ñ5%, 0,25W, 1206	120		8,000	S
+ 8805	Widerstand SMD 51,00hm ñ5%, 0,25W, 1206	130		8,000	S
+ 8847	Widerstand SMD 120,00hm ñ5%, 0,25W, 1206	140		1,000	S
+ 8896	Widerstand SMD 470,00hm ñ5%, 0,25W, 1206	150		3,000	S
+ 9316	Widerstand SMD 82,00hm ñ5%, 0,25W, 1206	160		5,000	S
+ 15321	Universaldiode SMD LL4148 100,0V, 150mA, MiniMELF	170		2,000	S
+ 23663	Bipolarer Transistor PNP Typ:BCX17 100,0MHz	180		2,000	S
+ 23861	Bipolarer Transistor NPN Typ:BCX19 150,0MHz	190		3,000	S
+ 41715	Pindiode BA679 30,0V, 0,050A, MiniMELF	200		4,000	S
+ 42010	Spule SMD 100,0nH, ñ5% 1206 verg., Keramik-Kern	210		1,000	S
+ 61440	Schottky-Diode SMD BAS 70-04 -70,0V SOT-23	220		1,000	S
+ 68650	Widerstand SMD 2,2kOhm ñ5%, 0,25W, 1206	230		1,000	S
+ 68841	Widerstand SMD 1,2kOhm ñ5%, 0,25W, 1206	240		1,000	S
+ 75655	Spule SMD 330,0nH, ñ5% 1206 verg., Keramik-Kern	250		17,000	S
+ 76448	Widerstand SMD 36,00hm ñ5%, 0,25W, 1206	260		2,000	S
+ 81539	Bipolarer Transistor	270		1,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 90134	Typ:BCX56 40,0-250,0MHz Zenerdiode SMD ZMM5,1	1220		1,000	S
+ 91181	5,1V, 0,5W, MiniMELF Kondensator SMD 470,0nF	290		2,000	S
+ 94037	25V, 1210 Kondensator SMD 100,0pF	300		10,000	S
+ 103531	50V, 0603 Schwingquarz 5,0MHz	1230		2,000	S
+ 117549	Geh„use: HC-45/U XS7104 Spule SMD 22,0nH, ñ5%	310		3,000	S
+ 117564	1206 verg., Keramik-Kern Spule SMD 82,0nH, ñ5%	320		2,000	S
+ 118653	1206 verg., Keramik-Kern MMS-Buchse 50,00hm	330		3,000	S
+ 120543	Kondensator 1,0æF 25V, Baugr„æ A	340		1,000	S
+ 131631	Kondensator SMD 0,5pF ñ0,25pF, 0603	350		1,000	S
+ 131649	Kondensator SMD 1,0pF ñ0,25pF, 0603	360		17,000	S
+ 131664	Kondensator SMD 2,2pF ñ0,25pF, 0603, NPO	370		1,000	S
+ 131672	Kondensator SMD 47,0pF ñ5%, 0603	380		39,000	S
+ 131680	Kondensator SMD 10,0pF ñ0,25pF, 0603	390		9,000	S
+ 131698	Kondensator SMD 1,0nF ñ5%, 0603 COG/NPO	400		47,000	S
+ 131706	Widerstand SMD 0,00hm ñ2%, 0,063W, 0603	410		13,000	S
+ 131714	Widerstand SMD 12,00hm ñ1%, 0,063W, 0603	420		1,000	S
+ 131722	Widerstand SMD 18,00hm ñ1%, 0,063W, 0603	430		12,000	S
+ 131730	Widerstand SMD 47,00hm ñ1%, 0,063W, 0603	440		1,000	S
+ 131748	Widerstand SMD 100,00hm ñ1%, 0,063W, 0603	450		5,000	S
+ 131789	Widerstand SMD 820,00hm ñ1%, 0,063W, 0603	460		1,000	S
+ 131797	Widerstand SMD 1,0k0hm ñ1%, 0,063W, 0603	470		5,000	S
+ 131805	Widerstand SMD 1,8k0hm ñ1%, 0,063W, 0603	480		2,000	S
+ 131813	Widerstand SMD 2,2k0hm ñ1%, 0,063W, 0603	490		2,000	S
+ 131839	Widerstand SMD 6,8k0hm ñ1%, 0,063W, 0603	500		5,000	S
+ 131847	Widerstand SMD 10,0k0hm ñ1%, 0,063W, 0603	510		15,000	S
+ 131854	Widerstand SMD 100,0k0hm ñ1%, 0,063W, 0603	520		5,000	S
+ 133835	OP-Single Supply LM258D SO-8 2 Systeme	530		1,000	S
+ 140380	Widerstand SMD 560,00hm ñ1%, 0,063W, 0603	540		2,000	S
+ 140381	Widerstand SMD 10,00hm	550		6,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 140691	Filter NFA 41R10C102	560		1,000	S
+ 140692	Pindiode SMD BAR63-04 SOT-23	570		7,000	S
+ 140862	Pindiode SMD BAR64-04 SOT-23	580		1,000	S
+ 140915	Mischer SME1400B-10 1,0-2500,0MHz, 110dBm	590		4,000	S
+ 140923	Bipolarer Transistor Typ:MRF5812 5,0GHz SMD	600		2,000	S
+ 141957	Filter NFM 41P11C204	610		3,000	S
+ 141958	Filter NFM 40R11C471	620		8,000	S
+ 142131	Buchsenleiste, 20-polig einreihig SMD	630		4,000	S
+ 142275	Kondensator 4,7µF SMD 10V, Elko-Tantal	640		12,000	S
+ 142562	Kondensator SMD 100,0nF 16,0V, 0603, 110%	650		39,000	S
+ 142582	Kondensator SMD 470pF 63,0V, 0603, NPO	660		1,000	S
+ 142715	Widerstand SMD 470,00hm 11%, 0,063W, 0603	670		4,000	S
+ 142799	Übertrager 1:1 für MRF581 G0699Z3A	680		2,000	S
+ 142943	DEPL MOSFET-N Transistor Typ: BF999 300 MHz	690		1,000	S
+ 142979	Buchsenleiste, 4-polig einreihig	700		4,000	S
+ 142980	Buchsenleiste, 5-polig einreihig	710		4,000	S
+ 143505	Spule SMD 6,8nH, 15% Typ 2012 High Frequenz	720		2,000	S
+ 143511	GaAs-Verstärker SNA-586 DC-3,0GHz, SMD-Bauform	730		2,000	S
+ 143829	Varactor diode SMD MA4ST083CK-287 SOT-23	740		2,000	S
+ 143938	Spule SMD 8,2nH, 15% Typ 2012 High Frequenz	750		2,000	S
+ 144025	Buchsenleiste, 3-polig einreihig SMD	760		4,000	S
+ 144026	Kodierschalter DRS 7116 HEX-Codierung, invers	770		2,000	S
+ 144066	Widerstand SMD 2,4kOhm 11%, 0,063W, 0603	780		2,000	S
+ 144115	Kondensator SMD 10,0nF 63V, 0603	790		13,000	S
+ 144116	Kondensator SMD 220pF 63V, 0603, NPO	800		3,000	S
+ 144121	Kondensator SMD 15pF 63V, 0603, NPO	810		1,000	S
+ 144125	Widerstand SMD 22,00hm 11%, 0,063W, 0603	820		2,000	S
+ 144127	Widerstand SMD 47kOhm 11%, 0,063W, 0603	830		2,000	S
+ 144128	Widerstand SMD 33kOhm	840		3,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 144184	±1%, 0,063W, 0603 Low Drop Regulator 5V/00 MIC5205-5V, 150mA, Micrel	850		3,000	S
+ 144373	Bipolarer Verstärker Typ:MAR-3-SM-TR	860		2,000	S
+ 144379	Bipolarer Verstärker Typ:ERA-2-SM-TR	880		3,000	S
+ 144700	SAW Filter 851308/00 bw15MHz fc 134MHz	890		2,000	S
+ 144736	Kondensator SMD 33,0pF ±5%, 50V, 0603, NPO	900		2,000	S
+ 144738	Kondensator SMD 4,7nF ±10%, 50V, 0603, X7R	910		2,000	S
+ 144772	Widerstand SMD 27,00hm ±1%, 0,063W, 0603	920		2,000	S
+ 144779	Widerstand SMD 330,00hm ±1%, 0,063W, 0603	930		1,000	S
+ 144780	Widerstand SMD 390,00hm ±1%, 0,063W, 0603	940		8,000	S
+ 144781	Widerstand SMD 680,00hm ±1%, 0,063W, 0603	950		2,000	S
+ 144784	Widerstand SMD 3,9k0hm ±1%, 0,063W, 0603	960		1,000	S
+ 144785	Widerstand SMD 4,7k0hm ±1%, 0,063W, 0603	970		1,000	S
+ 144792	Widerstand SMD 68,0k0hm ±1%, 0,063W, 0603	980		1,000	S
+ 144813	Widerstand SMD 51,00hm ±1%, 0,063W, 0603	990		8,000	S
+ 145217	IC TLC272CD S08 2-fach Operationsverst.	1010		1,000	S
+ 145224	Bipolarer Verstärker Typ:ERA-3SM	1240		6,000	S
+ 141501	Synthesizer HPS 9200 +45MHz Offset	1030		2,000	S
+ 145821	Widerstand Poti SMD 20,0K0HM ±20%	1040		1,000	S
+ 146089	Kondensator SMD 2,7pF ±0,25pF, 0603, NPO	1050		1,000	S
+ 146147	Kondensator SMD 3,3nF ±10%, 50V, 0603	1060		2,000	S
+ 146152	Kondensator SMD 5,6pF 50V, 0603	1070		26,000	S
+ 146395	Widerstand SMD 91,00hm ±1%, 0,063W, 0603	1080		4,000	S
+ 146693	Low Drop Regulator 3,3V MIC5205-3,3BM5, 150mA, SMD	1090		2,000	S
+ 147180	IC SMD AD8307AR DC-500MHz Log-Amp.	1100		1,000	S
+ 147205	PTC-Temperatursensor SMD KTY-13-6 -50°C bis +150°C	1110		1,000	S
+ 147991	Spule SMD 100,0nH, ±5% 0805 verg., Keramik-Kern	1140		2,000	S
+ 148031	Kondensator SMD 39pF 63V, 0603	1150		6,000	S
+ 148037	Spule SMD 82,0nH, ±5%	1160		2,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 148409	0805 verg., Keramik-Kern Spule SMD 5,6nH, ñ5%	1170		2,000	S
+ 148415	0805 Accu-L 6,3/73@1,7GHz Spule SMD 22,0nH, ñ5%	1180		6,000	S
+ 148422	0805 Accu-L 23,5/33@0,9GH NPN Silicon RF-Transistor	1250		2,000	S
+ 148521	BFP420 SOT343-Marking AMs Stiftleiste, 12-polig	1190		1,000	S
+ 67041	zweireihig, gerade Kontaktstreifen Form Y	1200		0,040	M
+ 84624	Oberfl.,che: verzinnt Kontaktstreifen Form K	1210		0,020	M
	Verpackungseinheit: 0,5m				
	** Gesamtsumme Teile **			540,060	

Baugruppenstückliste für: 149113 Platine best. 1374.1 WSt: FR4
01.06.1999 3 Seite: 1

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Artikelnummer	Artikelbezeichnung	Pos. Bemerkung	Anzahl ME
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149113	Platine best. 1374.1 WSt: FR4 P1374B0A		1,000 S
+ 149112	Platine roh 1374.1 WSt: FR4 P1374P0A	10	1,000 S
+ 148745	Filter fc 836,5MHz bw 12,5MHz	20	1,000 S
	** Gesamtsumme Teile **		2,000

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl ME
149114	Platine best. 1267.1 WSt: FR4 P1267B1A			1,000 S
+ 145231	Platine roh 1267.1 WSt: FR4 P1267P0B	10		1,000 S
+ 148747	SAW Filter SAFC836.5MA90N Freq.: 836,5MHz SMD	20		1,000 S
** Gesamtsumme Teile **				2,000

Baugruppenstückliste für: 149123 Platine best. 1374.1 WSt: FR4
01.06.1999 3 Seite: 1

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Artikelnummer	Artikelbezeichnung	Pos. Bemerkung	Anzahl ME
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149123	Platine best. 1374.1 WSt: FR4 P1374B1A		1,000 S
+ 149112	Platine roh 1374.1 WSt: FR4 P1374P0A	10	1,000 S
+ 148744	Filter fc 881,5MHz bw 12,5MHz	20	1,000 S
	** Gesamtsumme Teile **		2,000