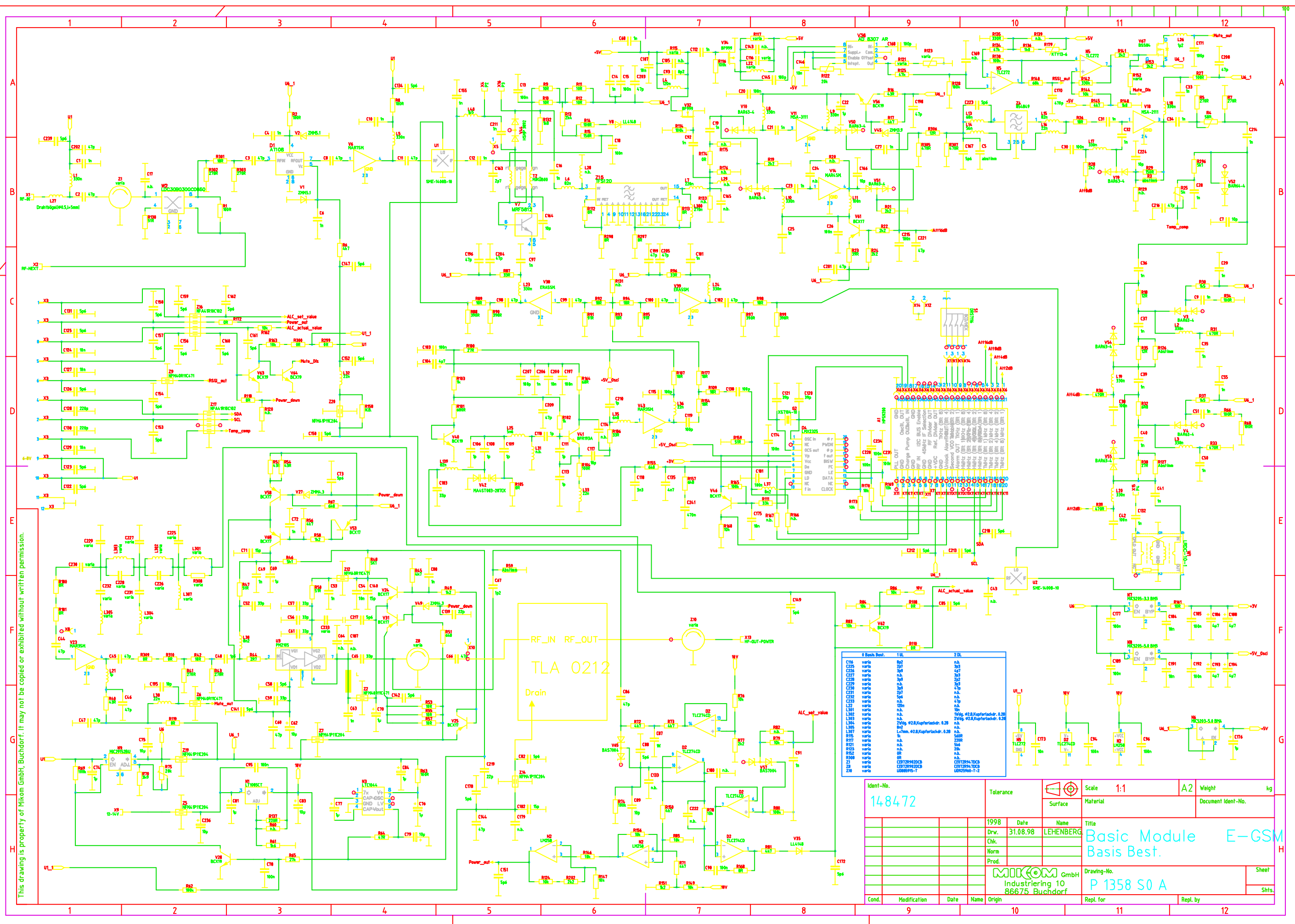




Designation	Type	Casing	Id.-No.	Function	Current [mA]	Voltage [V]
V1	ZMM5.1	MMELF_S	90134	voltage reference	1	5
V2	ZMM5.1	MMELF_S	90134	voltage reference	14	5
V3	BAR63-4	SOT23_C	140692	attenuator	3	0.5
V4	BAR63-4	SOT23_C	140692	attenuator	3	0.5
V5	ERA1SM	WW107_S	144378	amplifier	44	3.8
V7	MRF5812	SO8NB_C	140923	npn transistor	50	6
V8	LL4148	MMELF_C	15321	pn diode	2.4	0.7
V10	BAR63-4	SOT23_C	140692	attenuator	1.4	0.5
V11	ERA2SM	WW107_C	144379	amplifier	45	3.6
V12	SNA-586	SNA_C	143511	amplifier	68	5
V13	BAR63-4	SOT23_C	140692	attenuator	1.4	0.5
V18	MSA-2111	SOT143_C	129114	amplifier	29	3.6
V19	BAR63-4	SOT23_C	140692	attenuator	1.8	0.5
V28	BCX19	SOT23_S	23861	npn transistor	0.1	-
V32	BF999	SOT23_C	142943	mosfet transistor	-	-
V34	BF999	SOT23_C	142943	mosfet transistor	-	-
V36	AD 8307 AR	SO8NB_C	147180	op amp	-	-
V38	ERA3SM	WW107_C	145224	amplifier	35	3.6
V39	ERA3SM	WW107_C	145224	amplifier	35	3.6
V40	BCX19	SOT23_C	23861	npn transistor	2	0.7
V41	BFP420	SOT343A_C	148422	rf npn transistor	30	
V42	MA4ST083-287CK	SOT23_C	143829	varicap	0	5
V43	ERA3SM	WW107_C	145224	amplifier	32	3.6
V44	HSMP 3892	SOT23_C	148251	pin diode	4	0.5
V46	BCX17	SOT23_C	23663	pnp transistor	0.3	-
V50	BAR63-4	SOT23_C	140692	attenuator	1.4	0.5
V51	BAR63-4	SOT23_C	140692	attenuator	1.4	0.5
V52	BAR64-4	SOT23_C	140862	attenuator	1.5	0.6
V54	BAR63-4	SOT23_C	140692	attenuator	5	0.5
V55	BAR63-4	SOT23_C	140692	attenuator	5	0.5
V56	BCX19	SOT23_S	23861	npn transistor	45	0.1
V57	BAS7004	SOT23_S	61440	schottky diode	0.05	0.5
V62	BCX19	SOT23_S	23861	npn transistor	1	-
V63	BSS131	SOT23_S	142304	mosfet n	1	-
V64	BCX19	SOT23_S	23861	npn transistor	3	-
V67	BSS84	SOT23_S	145121	mosfet p	70	-

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl ME
148702	Basic Module /00 1850-1910/1930-1990MHz G0828Z0C			1,000 S
+ 148596	Assembly drawing Basic Module G0828M1E	10		0,000 S
+ 149094	Assembly drawing module handle G0832M2A	20		0,000 S
+ 148557	Montagematerial	30		1,000 S
+ 150744	Platine best. 1358.1 WSt: FR4 P1358B7A	40		2,000 S
+ 144406	Platine roh 1238.1 WSt: FR4 P1238P0A	50		2,000 S
+ 149850	Detektor GSM 1800/PCS /00 -10...-30dBm P1385B0B	60		2,000 S
+ 117572	Spule SMD 120,0nH, ñ5% 1206 verg., Keramik-Kern	70		1,000 S
+ 131649	Kondensator SMD 1,0pF ñ0,25pF, 0603	80		3,000 S
+ 131664	Kondensator SMD 2,2pF ñ0,25pF, 0603, NPO	90		4,000 S
+ 131680	Kondensator SMD 10,0pF ñ0,25pF, 0603	100		1,000 S
+ 131706	Widerstand SMD 0,00hm ñ2%, 0,063W, 0603	110		2,000 S
+ 131763	Widerstand SMD 220,00hm ñ1%, 0,063W, 0603	120		1,000 S
+ 131797	Widerstand SMD 1,0k0hm ñ1%, 0,063W, 0603	130		1,000 S
+ 140380	Widerstand SMD 560,00hm ñ1%, 0,063W, 0603	140		1,000 S
+ 140381	Widerstand SMD 10,00hm ñ1%, 0,063W, 0603	150		1,000 S
+ 140455	Filter Freq.: 1960,0MHz	160		3,000 S
+ 140456	Filter Freq.: 1880,0MHz	170		3,000 S
+ 143290	Stiftleiste 12-p.2-reihig MTSW-106-08-L-D-0275	180		1,000 S
+ 144295	Spule SMD 2,7nH, ñ0,3nH Typ 2012 High Frequenz	190		1,000 S
+ 144736	Kondensator SMD 33,0pF ñ5%, 50V, 0603, NPO	200		1,000 S
+ 144786	Widerstand SMD 5,6k0hm ñ1%, 0,063W, 0603	210		1,000 S
+ 146089	Kondensator SMD 2,7pF ñ0,25pF, 0603, NPO	220		1,000 S
+ 148029	Kondensator SMD 8,2pF 50V, 0603	230		1,000 S
+ 148035	Kondensator SMD 3,9pF 50V, 0603	240		1,000 S

+ 148501	Kondensator SMD 1,8pF	250	1,000 S
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Baugruppenstückliste für: 148702 Basic Module /00 1850-1910/1930-1990MHz
 27.05.1999 3 Seite: 2

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Artikelnummer	Artikelbezeichnung	Pos. Bemerkung	Anzahl ME
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+ 148521	1p8 5% 50V NPO 0603 Stiftleiste, 12-polig zweireihig, gerade	260	1,000 S
+ 148756	Isolator 1,930-1,990GHz Isolation: 15dB min. SMD	270	2,000 S
+ 148757	Isolator 1,850-1,910GHz Isolation: 15dB min SMD	280	2,000 S
+ 148894	Widerstand Poti SMD 100,0KOHM ±20%	290	1,000 S
+ 149145	Spule SMD 1,8nH, ±5% 0805 Accu-L 2,9/70@2,4GHz	300	1,000 S
+ 116004	Zylinderkopfschraube M2,0x4 DIN 912 Edelstahl	310	6,000 S
+ 14332	Unterlegscheibe für M2,0 DIN 125 A2 d:2,2	320	12,000 S
+ 147826	Label G0813AAA	330	0,000 S
+ 147817	Label G0813A1A	340	0,000 S
+ 60772	Etiketten "Warranty Void-If seal is	350	0,000 S
	** Gesamtsumme Teile **		61,000

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl ME
150744	Platine best. 1358.1 WSt: FR4 P1358B7A			1,000 S
+ 148473	Platine roh 1358.1 WSt: FR4 (1St.=0,5Nutzen) P1358P0A	10		1,000 S
+ 265	Widerstand SMD 68,0kOhm ñ5%, 0,125W, 0805	20		1,000 S
+ 7914	Widerstand SMD 0,00hm ñ5%, 0,125W, 0805	30		7,000 S
+ 7997	Widerstand SMD 8,20hm ñ5%, 0,125W, 0805	40		1,000 S
+ 8003	Widerstand SMD 10,00hm ñ5%, 0,125W, 0805	50		4,000 S
+ 8060	Widerstand SMD 18,00hm ñ5%, 0,125W, 0805	60		1,000 S
+ 8128	Widerstand SMD 33,00hm ñ5%, 0,125W, 0805	70		1,000 S
+ 8219	Widerstand SMD 82,00hm ñ5%, 0,125W, 0805	80		2,000 S
+ 8326	Widerstand SMD 240,00hm ñ5%, 0,125W, 0805	90		1,000 S
+ 8334	Widerstand SMD 270,00hm ñ5%, 0,125W, 0805	100		3,000 S
+ 8482	Widerstand SMD 1,0kOhm ñ5%, 0,125W, 0805	110		1,000 S
+ 8581	Widerstand SMD 4,7kOhm ñ5%, 0,125W, 0805	120		1,000 S
+ 8722	Widerstand SMD 0,00hm ñ5%, 0,25W, 1206	130		1,000 S
+ 8730	Widerstand SMD 10,00hm ñ5%, 0,25W, 1206	140		1,000 S
+ 8813	Widerstand SMD 62,00hm ñ5%, 0,25W, 1206	150		1,000 S
+ 8946	Widerstand SMD 3,3kOhm ñ5%, 0,25W, 1206	160		1,000 S
+ 9316	Widerstand SMD 82,00hm ñ5%, 0,25W, 1206	170		1,000 S
+ 11346	Kohleschicht-Widerstand bed 1,5kOhm ñ5% 0,2W 0204	180		2,000 S
+ 12344	Kondensator SMD 1,5pF ñ0,25pF, 0805	190		1,000 S
+ 12351	Kondensator SMD 1,0pF ñ0,25pF, 50V, 0805	200		1,000 S
+ 12377	Kondensator SMD 2,2pF ñ0,25pF, 0805	210		1,000 S
+ 12419	Kondensator SMD 5,6pF ñ0,25pF, 50V, 0805	220		2,000 S
+ 12435	Kondensator SMD 10,0pF ñ0,25pF, 100V, 0805	230		1,000 S
+ 12492	Kondensator SMD 2,7pF ñ0,25pF, 63V, 0805	240		1,000 S
+ 15321	Universaldiode SMD LL4148 100,0V, 150mA, MiniMELF	250		1,000 S
+ 23663	Bipolarer Transistor PNP	260		1,000 S

+ 23861

Typ:BCX17 100,0MHz
Bipolarer Transistor NPN 270

5,000 S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 31971	Typ:BCX19 150,0MHz IC-Spannungsregler LM350T 1,25-33V 3A	280		1,000	S
+ 33837	Kondensator SMD 10,0nF ñ10%, 63V, 0805	290		1,000	S
+ 39602	Kondensator SMD 10,0pF ñ0,25pF, 50V, 1206	300		1,000	S
+ 42010	Spule SMD 100,0nH, ñ5% 1206 verg., Keramik-Kern	310		1,000	S
+ 42036	Spule SMD 1500,0nH, ñ5% 1206 verg., Ferrit-Kern	320		1,000	S
+ 46607	Kondensator SMD 1,0nF ñ5%, 50V, 1206	330		3,000	S
+ 51078	Spule SMD 68,0nH, ñ5% 1206 verg., Keramik-Kern	340		1,000	S
+ 56168	Spule SMD 270,0nH, ñ5% 1206 verg., Keramik-Kern	350		1,000	S
+ 58446	Spule SMD 220,0nH, ñ5% 1206 verg., Keramik-Kern	360		1,000	S
+ 61440	Schottky-Diode SMD BAS 70-04 -70,0V SOT-23	370		1,000	S
+ 62877	Spule SMD 1000,0nH, ñ5% 1206 verg., Keramik-Kern	380		1,000	S
+ 66175	Kondensator SMD 1,0nF ñ5%, 50V, 0805	390		3,000	S
+ 68650	Widerstand SMD 2,2kOhm ñ5%, 0,25W, 1206	400		1,000	S
+ 70318	Spule SMD 56,0nH, ñ5% 1206 verg., Keramik-Kern	410		1,000	S
+ 74179	Widerstand SMD 100,0Ohm ñ5%, 0,125W, 0805	420		2,000	S
+ 75655	Spule SMD 330,0nH, ñ5% 1206 verg., Keramik-Kern	430		13,000	S
+ 75820	Widerstand SMD 10,0kOhm ñ5%, 0,125W, 0805	440		4,000	S
+ 75903	Widerstand SMD 100,0kOhm ñ5%, 0,25W, 1206	450		1,000	S
+ 76471	Widerstand SMD 1,6kOhm ñ5%, 0,125W, 0805	460		1,000	S
+ 79681	Widerstand SMD 1,2kOhm ñ5%, 0,125W, 0805	470		2,000	S
+ 87148	Widerstand SMD 27,0kOhm ñ5%, 0,125W, 0805	480		1,000	S
+ 88518	Kondensator SMD 100,0nF ñ20%, 63,0V, 1206	490		1,000	S
+ 90134	Zenerdiode SMD ZMM5,1 5,1V, 0,5W, MiniMELF	500		2,000	S
+ 90332	Kondensator 6,8pF ñ0,25pF/50V/0603/NPO	510		2,000	S
+ 91181	Kondensator SMD 470,0nF 25V, 1210	520		1,000	S
+ 94037	Kondensator SMD 100,0pF 50V, 0603	530		5,000	S
+ 99440	Kondensator 10,0µF SMD ñ10%, 25V Tantal Elko	540		2,000	S
+ 101246	Widerstand SMD 22,0Ohm	550		1,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 113332	ñ5%, 0,25W, 1206 Kondensator SMD 0,5pF	560		1,000	S
+ 117549	ñ25%, 50V, 0805 Spule SMD 22,0nH, ñ5%	570		3,000	S
+ 117564	1206 verg., Keramik-Kern Spule SMD 82,0nH, ñ5%	580		2,000	S
+ 117572	1206 verg., Keramik-Kern Spule SMD 120,0nH, ñ5%	590		1,000	S
+ 118653	1206 verg., Keramik-Kern MMS-Buchse 50,00hm	600		3,000	S
+ 120543	Kondensator 1,0µF 25V, Baugröße A	610		4,000	S
+ 129114	Bipolarer Verstärker Typ:MSA-2111 TR-1	620		1,000	S
+ 131631	Kondensator SMD 0,5pF ñ0,25pF, 0603	630		1,000	S
+ 131672	Kondensator SMD 47,0pF ñ5%, 0603	640		22,000	S
+ 131680	Kondensator SMD 10,0pF ñ0,25pF, 0603	650		5,000	S
+ 131698	Kondensator SMD 1,0nF ñ5%, 0603 COG/NPO	660		36,000	S
+ 131706	Widerstand SMD 0,00hm ñ2%, 0,063W, 0603	670		20,000	S
+ 131714	Widerstand SMD 12,00hm ñ1%, 0,063W, 0603	680		2,000	S
+ 131722	Widerstand SMD 18,00hm ñ1%, 0,063W, 0603	690		2,000	S
+ 131730	Widerstand SMD 47,00hm ñ1%, 0,063W, 0603	700		1,000	S
+ 131748	Widerstand SMD 100,00hm ñ1%, 0,063W, 0603	710		4,000	S
+ 131763	Widerstand SMD 220,00hm ñ1%, 0,063W, 0603	720		2,000	S
+ 131797	Widerstand SMD 1,0k0hm ñ1%, 0,063W, 0603	730		3,000	S
+ 131805	Widerstand SMD 1,8k0hm ñ1%, 0,063W, 0603	740		3,000	S
+ 131813	Widerstand SMD 2,2k0hm ñ1%, 0,063W, 0603	750		7,000	S
+ 131847	Widerstand SMD 10,0k0hm ñ1%, 0,063W, 0603	760		12,000	S
+ 131854	Widerstand SMD 100,0k0hm ñ1%, 0,063W, 0603	770		6,000	S
+ 133835	OP-Single Supply LM258D SO-8 2 Systeme	780		1,000	S
+ 140341	SAW Filter 854849/00 bw200kHz(1dB) fc120MHz	790		1,000	S
+ 140381	Widerstand SMD 10,00hm ñ1%, 0,063W, 0603	800		3,000	S
+ 140691	Filter NFA 41R10C102	810		2,000	S
+ 140692	Pindiode SMD BAR63-04 SOT-23	820		9,000	S
+ 140862	Pindiode SMD BAR64-04 SOT-23	830		1,000	S
+ 140915	Mischer SME1400B-10	840		2,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl ME
+ 140923	1,0-2500,0MHz, ñ10dBm Bipolarer Transistor Typ:MRF5812 5,0GHz SMD	850		1,000 S
+ 141598	IC TLC274CD S014	860		1,000 S
+ 141950	4-fach Operationsverst. SAW Filter TFS120/00	870		1,000 S
+ 141957	bw200kHz(1dB) fc120MHz Filter NFM 41P11C204	880		4,000 S
+ 141958	Filter NFM 40R11C471	890		2,000 S
+ 142131	Buchsenleiste, 20-polig einreihig SMD	900		2,000 S
+ 142275	Kondensator 4,7æF SMD 10V, Elko-Tantal	910		5,000 S
+ 142304	ENH-MOSFET-N Typ:BSS 131 GEG	920		1,000 S
+ 142562	Kondensator SMD 100,0nF 16,0V, 0603, ñ10%	930		7,000 S
+ 142582	Kondensator SMD 470pF 63,0V, 0603, NPO	940		1,000 S
+ 142715	Widerstand SMD 470,00hm ñ1%, 0,063W, 0603	950		8,000 S
+ 142799	šbertrager 1:1 f•r MRF581 G0699Z3A	960		1,000 S
+ 142943	DEPL MOSFET-N Transistor Typ: BF999 300 MHz	970		2,000 S
+ 143511	GaAs-Verst„rker SNA-586	980		1,000 S
+ 143767	DC-3,0GHz, SMD-Bauform Kondensator SMD 100,0nF	990		15,000 S
+ 143829	ñ10%, 50V, 0805 Varactordiode SMD	1000		1,000 S
+ 144025	MA4ST083CK-287 SOT-23 Buchsenleiste, 3-polig	1010		2,000 S
+ 144026	einreihig SMD Kodierschalter DRS 7116	1020		1,000 S
+ 144066	HEX-Codierung, invers Widerstand SMD 2,4k0hm	1030		1,000 S
+ 144115	ñ1%, 0,063W, 0603 Kondensator SMD 10,0nF	1040		9,000 S
+ 144116	63V, 0603 Kondensator SMD 220pF	1050		2,000 S
+ 144121	63V, 0603, NPO Kondensator SMD 15pF	1060		1,000 S
+ 144125	63V, 0603, NPO Widerstand SMD 22,00hm	1070		1,000 S
+ 144127	ñ1%, 0,063W, 0603 Widerstand SMD 47k0hm	1080		2,000 S
+ 144128	ñ1%, 0,063W, 0603 Widerstand SMD 33k0hm	1090		1,000 S
+ 144183	ñ1%, 0,063W, 0603 Low Drop Regulator 5V/00	1100		1,000 S
+ 144184	MIC5203-5V, 80mA, Micrel Low Drop Regulator 5V/00	1110		1,000 S
+ 144185	MIC5205-5V, 150mA, Micrel Variabel Attenuator	1120		1,000 S
+ 144378	AT108, 40dB, 0-5V, S08 MACOM Bipolarer Verst„rker	1130		1,000 S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 144379	Typ:ERA-1-SM-TR Bipolarer Verstärker	1140		1,000	S
+ 144735	Typ:ERA-2-SM-TR Kondensator SMD 22,0pF ñ5%, 50V, 0603, NPO	1150		1,000	S
+ 144736	Kondensator SMD 33,0pF ñ5%, 50V, 0603, NPO	1160		2,000	S
+ 144768	Widerstand SMD 6,80hm ñ1%, 0,063W, 0603	1170		1,000	S
+ 144772	Widerstand SMD 27,00hm ñ1%, 0,063W, 0603	1180		1,000	S
+ 144778	Widerstand SMD 150,00hm ñ1%, 0,063W, 0603	1190		1,000	S
+ 144779	Widerstand SMD 330,00hm ñ1%, 0,063W, 0603	1200		1,000	S
+ 144780	Widerstand SMD 390,00hm ñ1%, 0,063W, 0603	1210		4,000	S
+ 144781	Widerstand SMD 680,00hm ñ1%, 0,063W, 0603	1220		1,000	S
+ 144784	Widerstand SMD 3,9k0hm ñ1%, 0,063W, 0603	1230		1,000	S
+ 144785	Widerstand SMD 4,7k0hm ñ1%, 0,063W, 0603	1240		5,000	S
+ 144798	Widerstand SMD 330,0k0hm ñ1%, 0,063W, 0603	1250		1,000	S
+ 144813	Widerstand SMD 51,00hm ñ1%, 0,063W, 0603	1260		1,000	S
+ 144821	PLL Synthesizer LMX 2325 National, TSSOP20	1270		1,000	S
+ 145121	ENH-MOSFET-P, SOT23 Typ:BSS 84	1280		1,000	S
+ 145217	IC TLC272CD S08 2-fach Operationsverst.	1290		1,000	S
+ 145224	Bipolarer Verstärker Typ:ERA-3SM	1300		3,000	S
+ 145821	Widerstand Poti SMD 20,0K0HM ñ20%	1310		2,000	S
+ 145822	Widerstand Poti SMD 5,0K0HM ñ20%	1320		1,000	S
+ 146089	Kondensator SMD 2,7pF ñ0,25pF, 0603, NPO	1330		1,000	S
+ 146147	Kondensator SMD 3,3nF ñ10%, 50V, 0603	1340		2,000	S
+ 146152	Kondensator SMD 5,6pF 50V, 0603	1350		31,000	S
+ 146693	Low Drop Regulator 3,3V MIC5205-3,3BM5, 150mA,SMD	1360		1,000	S
+ 147180	IC SMD AD8307AR DC-500MHz Log-Amp.	1370		1,000	S
+ 147205	PTC-Temperatursensor SMD KTY-13-6 -500C bis +1500C	1380		1,000	S
+ 148029	Kondensator SMD 8,2pF 50V, 0603	1390		1,000	S
+ 148037	Spule SMD 82,0nH, ñ5% 0805 verg., Keramik-Kern	1400		1,000	S
+ 148251	Doppel PIN-Diode	1410		1,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 148265	HSMP3892 SOT-23 Directional Coupler /00 1420 10dB 5-500MHZ 500hm			1,000	S
+ 148415	Spule SMD 22,0nH, 5% 1430 0805 Accu-L 23,5/33@0,9GH			2,000	S
+ 148416	Spule SMD 2,2nH, 5% 1440 0805 Accu-L 2,3/72@2,4GHz			1,000	S
+ 148422	NPN Silicon RF-Transistor 1450 BFP420 SOT343-Marking AMS			1,000	S
+ 148513	Low Drop Regulator SMD 1460 MIC29152BU 1,5A TO-263			1,000	S
+ 148516	Widerstand Poti SMD 1470 50,00HM 20% 0,25W			1,000	S
+ 148621	Kondensator 10,0µF 20V 1480 Baugröße C Elko-Tantal			1,000	S
+ 148805	Kondensator SMD 220,0nF 1490 1%, 25V, 1206			1,000	S
+ 148838	Widerstand SMD 43,00hm 1500 1%, 0,063W, 0603			1,000	S
+ 148886	3dB Hybrid, 900, SMD 1510 1800-2000MHz, Loss 3.0dB			1,000	S
+ 149249	Platine best. 1377.1 1520 WSt: FR4 1,0mm 35µm Cu P1377B0B			1,000	S
+ 149715	Widerstand SMD 75,00hm 1530 1%, 0,063W, 0603			1,000	S
+ 67041	Kontaktstreifen Form Y 1540 Oberfläche: verzinnt			0,040	M
+ 142979	Buchsenleiste, 4-polig 1550 einreihig			4,000	S
+ 142980	Buchsenleiste, 5-polig 1560 einreihig			4,000	S
** Gesamtsumme Teile **				429,040	

Designation	Type	Casing	Id.-No.	Function	Current [mA]	Voltage [V]
V1	ZMM5.1	MMELF_S	90134	voltage reference	1	5
V2	ZMM5.1	MMELF_S	90134	voltage reference	14	5
V3	BAR63-4	SOT23_C	140692	attenuator	3	0.5
V4	BAR63-4	SOT23_C	140692	attenuator	3	0.5
V7	MRF5812	SO8NB_C	140923	npn transistor	50	6
V8	LL4148	MMELF_C	15321	pn diode	2.4	0.7
V10	BAR63-4	SOT23_C	140692	attenuator	1.4	0.5
V11	ERA2SM	WW107_C	144379	amplifier	45	3.6
V12	SNA-586	SNA_C	143511	amplifier	68	5
V13	BAR63-4	SOT23_C	140692	attenuator	1.4	0.5
V19	BAR63-4	SOT23_C	140692	attenuator	1.8	0.5
V28	BCX19	SOT23_S	23861	npn transistor	0.1	-
V32	BF999	SOT23_C	142943	mosfet transistor	-	-
V34	BF999	SOT23_C	142943	mosfet transistor	-	-
V36	AD 8307 AR	SO8NB_C	147180	op amp	-	-
V38	ERA3SM	WW107_C	145224	amplifier	35	3.6
V39	ERA3SM	WW107_C	145224	amplifier	35	3.6
V40	BCX19	SOT23_C	23861	npn transistor	2	0.7
V41	BFP420	SOT343A_C	148422	rf npn transistor	30	
V42	MA4ST083-287CK	SOT23_C	143829	varicap	0	5
V43	ERA3SM	WW107_C	145224	amplifier	32	3.6
V46	BCX17	SOT23_C	23663	pnp transistor	0.3	-
V50	BAR63-4	SOT23_C	140692	attenuator	1.4	0.5
V51	BAR63-4	SOT23_C	140692	attenuator	1.4	0.5
V52	BAR64-4	SOT23_C	140862	attenuator	1.5	0.6
V54	BAR63-4	SOT23_C	140692	attenuator	5	0.5
V55	BAR63-4	SOT23_C	140692	attenuator	5	0.5
V56	BCX19	SOT23_S	23861	npn transistor	45	0.1
V57	BAS7004	SOT23_S	61440	schottky diode	0.05	0.5
V62	BCX19	SOT23_S	23861	npn transistor	1	-
V63	BSS131	SOT23_S	142304	mosfet n	1	-
V64	BCX19	SOT23_S	23861	npn transistor	3	-
V67	BSS84	SOT23_S	145121	mosfet p	70	-

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
148703	Basic Module TDMA /00 1850-1910/1930-1990MHz G0828Z2A			1,000	S
+ 150830	Assembly drawing Basic Module G0828M2A	10		0,000	S
+ 149094	Assembly drawing module handle G0832M2A	20		0,000	S
+ 148557	Montagematerial	30		1,000	S
+ 149694	Platine best. 1358.1 WSt: FR4 P1358B6A	40		2,000	S
+ 144406	Platine roh 1238.1 WSt: FR4 P1238P0A	50		2,000	S
+ 149850	Detektor GSM 1800/PCS /00 -10..-30dBm P1385B0B	60		2,000	S
+ 113332	Kondensator SMD 0,5pF ñ25%, 50V, 0805	70		1,000	S
+ 117549	Spule SMD 22,0nH, ñ5% 1206 verg., Keramik-Kern	80		1,000	S
+ 131631	Kondensator SMD 0,5pF ñ0,25pF, 0603	90		1,000	S
+ 131649	Kondensator SMD 1,0pF ñ0,25pF, 0603	100		1,000	S
+ 131680	Kondensator SMD 10,0pF ñ0,25pF, 0603	110		1,000	S
+ 131656	Kondensator SMD 1,2pF ñ0,25pF, 0603	120		2,000	S
+ 131664	Kondensator SMD 2,2pF ñ0,25pF, 0603, NPO	130		1,000	S
+ 131706	Widerstand SMD 0,00hm ñ2%, 0,063W, 0603	140		2,000	S
+ 131763	Widerstand SMD 220,00hm ñ1%, 0,063W, 0603	150		1,000	S
+ 131797	Widerstand SMD 1,0k0hm ñ1%, 0,063W, 0603	160		1,000	S
+ 140380	Widerstand SMD 560,00hm ñ1%, 0,063W, 0603	170		1,000	S
+ 140381	Widerstand SMD 10,00hm ñ1%, 0,063W, 0603	180		1,000	S
+ 140455	Filter Freq.: 1960,0MHz	190		1,000	S
+ 140456	Filter Freq.: 1880,0MHz	200		3,000	S
+ 142573	Kondensator SMD 56,0pF 63,0V, 0603	210		1,000	S
+ 143290	Stiftleiste 12-p.2-reihig MTSW-106-08-L-D-0275	220		1,000	S
+ 144733	Kondensator SMD 1,5pF ñ5%, 50V, 0603, NPO	230		2,000	S
+ 144734	Kondensator SMD 3,3pF ñ5%, 50V, 0603, NPO	240		1,000	S

+ 144786	Widerstand SMD 5,6kOhm	250	1,000 S
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Baugruppenstückliste für: 148703 Basic Module TDMA /00 1850-1910/1930-1990MHz
 27.05.1999 3 Seite: 2

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Artikelnummer	Artikelbezeichnung	Pos. Bemerkung	Anzahl ME
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	ñ1%, 0,063W, 0603		
+ 146089	Kondensator SMD 2,7pF	260	1,000 S
	ñ0,25pF, 0603, NPO		
+ 148029	Kondensator SMD 8,2pF	270	1,000 S
	50V, 0603		
+ 148035	Kondensator SMD 3,9pF	280	2,000 S
	50V, 0603		
+ 148407	Spule SMD 3,9nH, ñ5%	290	1,000 S
	0805 Accu-L 4,1/42@2,4GHz		
+ 148521	Stiftleiste, 12-polig	300	1,000 S
	zweireihig, gerade		
+ 148756	Isolator 1,930-1,990GHz	310	2,000 S
	Isolation: 15dB min. SMD		
+ 148757	Isolator 1,850-1,910GHz	320	2,000 S
	Isolation: 15dB min SMD		
+ 148894	Widerstand Poti SMD	330	1,000 S
	100,0KOHM ñ20%		
+ 149145	Spule SMD 1,8nH, ñ5%	340	1,000 S
	0805 Accu-L 2,9/70@2,4GHz		
+ 116004	Zylinderkopfschraube	350	6,000 S
	M2,0x4 DIN 912 Edelstahl		
+ 14332	Unterlegscheibe für M2,0	360	12,000 S
	DIN 125 A2 d:2,2		
+ 147826	Label	370	0,000 S
	G0813AAA		
+ 147817	Label	380	0,000 S
	G0813A1A		
+ 60772	Etiketten	390	0,000 S
	"Warranty Void-If seal is		
+ 149089	Bandpassfilterbox /00	400	1,000 S
	if 240MHz bw 30kHz TDMA		
	G0837Z0A		
	** Gesamtsumme Teile **		62,000

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
149694	Platine best. 1358.1 WSt: FR4 P1358B6A			1,000	S
+ 148473	Platine roh 1358.1 WSt: FR4 (1St.=0,5Nutzen) P1358P0A	10		1,000	S
+ 265	Widerstand SMD 68,0kOhm ñ5%, 0,125W, 0805	20		1,000	S
+ 7914	Widerstand SMD 0,00Ohm ñ5%, 0,125W, 0805	30		9,000	S
+ 7997	Widerstand SMD 8,20Ohm ñ5%, 0,125W, 0805	40		1,000	S
+ 8003	Widerstand SMD 10,00Ohm ñ5%, 0,125W, 0805	50		4,000	S
+ 8060	Widerstand SMD 18,00Ohm ñ5%, 0,125W, 0805	60		1,000	S
+ 8128	Widerstand SMD 33,00Ohm ñ5%, 0,125W, 0805	70		1,000	S
+ 8185	Widerstand SMD 62,00Ohm ñ5%, 0,125W, 0805	80		1,000	S
+ 8219	Widerstand SMD 82,00Ohm ñ5%, 0,125W, 0805	90		2,000	S
+ 8326	Widerstand SMD 240,00Ohm ñ5%, 0,125W, 0805	100		1,000	S
+ 8334	Widerstand SMD 270,00Ohm ñ5%, 0,125W, 0805	110		1,000	S
+ 8482	Widerstand SMD 1,0kOhm ñ5%, 0,125W, 0805	120		1,000	S
+ 8581	Widerstand SMD 4,7kOhm ñ5%, 0,125W, 0805	130		1,000	S
+ 8722	Widerstand SMD 0,00Ohm ñ5%, 0,25W, 1206	140		3,000	S
+ 8730	Widerstand SMD 10,00Ohm ñ5%, 0,25W, 1206	150		1,000	S
+ 8813	Widerstand SMD 62,00Ohm ñ5%, 0,25W, 1206	160		1,000	S
+ 8946	Widerstand SMD 3,3kOhm ñ5%, 0,25W, 1206	170		1,000	S
+ 11346	Kohleschicht-Widerstand bed 1,5kOhm ñ5% 0,2W 0204	180		2,000	S
+ 12344	Kondensator SMD 1,5pF ñ0,25pF, 0805	190		1,000	S
+ 12351	Kondensator SMD 1,0pF ñ0,25pF, 50V, 0805	200		1,000	S
+ 12377	Kondensator SMD 2,2pF ñ0,25pF, 0805	210		1,000	S
+ 12419	Kondensator SMD 5,6pF ñ0,25pF, 50V, 0805	220		2,000	S
+ 12435	Kondensator SMD 10,0pF ñ0,25pF, 100V, 0805	230		3,000	S
+ 12492	Kondensator SMD 2,7pF ñ0,25pF, 63V, 0805	240		1,000	S
+ 15321	Universaldiode SMD LL4148 100,0V, 150mA, MiniMELF	250		1,000	S
+ 23663	Bipolarer Transistor PNP Typ:BCX17 100,0MHz	260		1,000	S
+ 23861	Bipolarer Transistor NPN	270		5,000	S

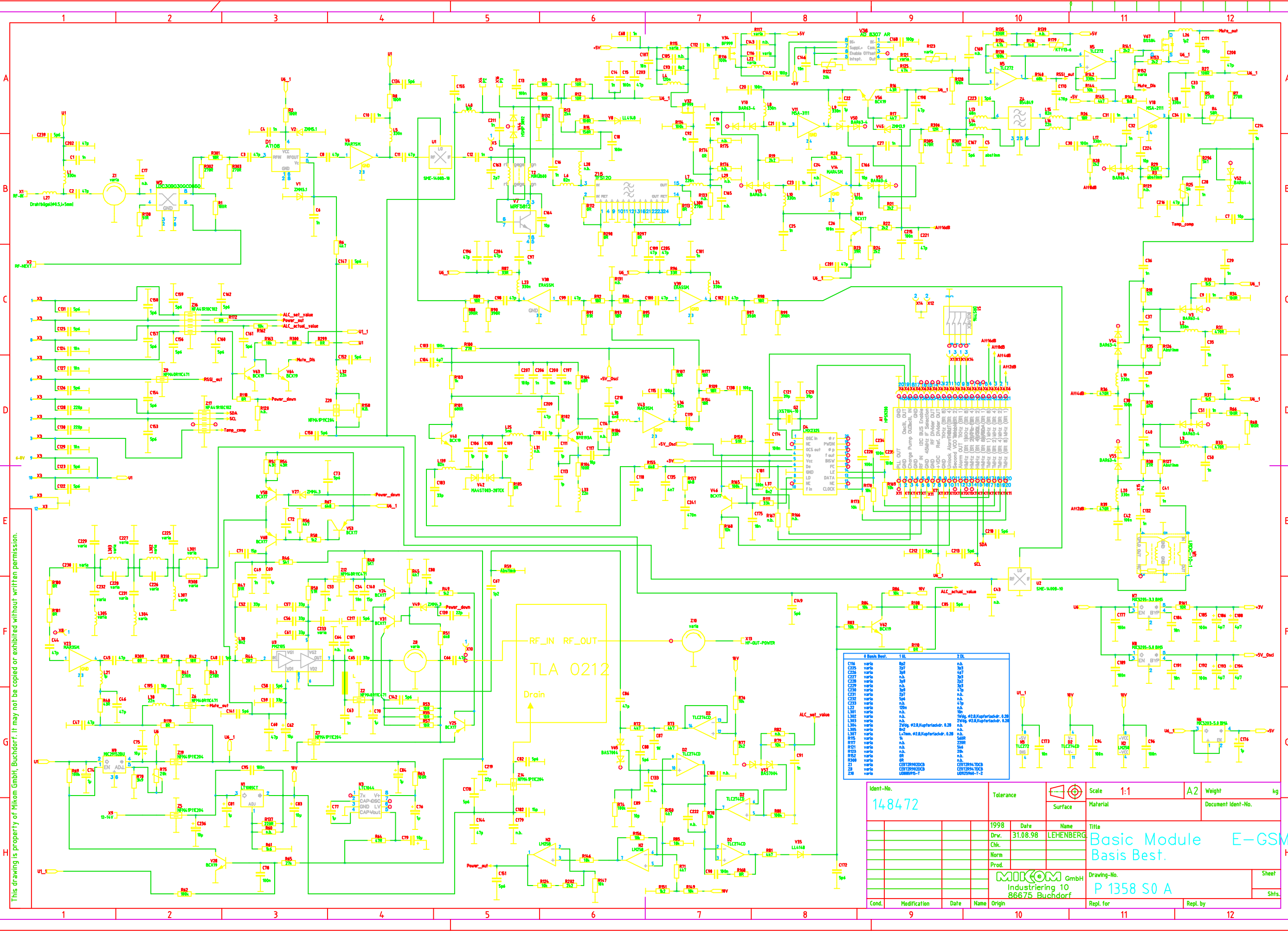
Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 31971	Typ:BCX19 150,0MHz IC-Spannungsregler LM350T 1,25-33V 3A	280		1,000	S
+ 33837	Kondensator SMD 10,0nF ñ10%, 63V, 0805	290		1,000	S
+ 42010	Spule SMD 100,0nH, ñ5% 1206 verg., Keramik-Kern	300		1,000	S
+ 46607	Kondensator SMD 1,0nF ñ5%, 50V, 1206	310		3,000	S
+ 61440	Schottky-Diode SMD BAS 70-04 -70,0V SOT-23	320		1,000	S
+ 62877	Spule SMD 1000,0nH, ñ5% 1206 verg., Keramik-Kern	330		1,000	S
+ 66175	Kondensator SMD 1,0nF ñ5%, 50V, 0805	340		3,000	S
+ 68650	Widerstand SMD 2,2kOhm ñ5%, 0,25W, 1206	350		1,000	S
+ 74179	Widerstand SMD 100,00hm ñ5%, 0,125W, 0805	360		1,000	S
+ 75655	Spule SMD 330,0nH, ñ5% 1206 verg., Keramik-Kern	370		12,000	S
+ 75820	Widerstand SMD 10,0kOhm ñ5%, 0,125W, 0805	380		4,000	S
+ 75903	Widerstand SMD 100,0kOhm ñ5%, 0,25W, 1206	390		1,000	S
+ 76471	Widerstand SMD 1,6kOhm ñ5%, 0,125W, 0805	400		1,000	S
+ 79681	Widerstand SMD 1,2kOhm ñ5%, 0,125W, 0805	410		2,000	S
+ 87148	Widerstand SMD 27,0kOhm ñ5%, 0,125W, 0805	420		1,000	S
+ 88518	Kondensator SMD 100,0nF ñ20%, 63,0V, 1206	430		1,000	S
+ 90134	Zenerdiode SMD ZMM5,1 5,1V, 0,5W, MiniMELF	440		2,000	S
+ 90332	Kondensator 6,8pF ñ0,25pF/50V/0603/NPO	450		2,000	S
+ 91181	Kondensator SMD 470,0nF 25V, 1210	460		1,000	S
+ 94037	Kondensator SMD 100,0pF 50V, 0603	470		5,000	S
+ 99440	Kondensator 10,0µF SMD ñ10%, 25V Tantal Elko	480		2,000	S
+ 101246	Widerstand SMD 22,00hm ñ5%, 0,25W, 1206	490		1,000	S
+ 113332	Kondensator SMD 0,5pF ñ25%, 50V, 0805	500		1,000	S
+ 117549	Spule SMD 22,0nH, ñ5% 1206 verg., Keramik-Kern	510		3,000	S
+ 117564	Spule SMD 82,0nH, ñ5% 1206 verg., Keramik-Kern	520		1,000	S
+ 118653	MMS-Buchse 50,00hm	530		3,000	S
+ 120543	Kondensator 1,0µF 25V, Baugröße A	540		4,000	S
+ 131672	Kondensator SMD 47,0pF ñ5%, 0603	550		22,000	S
+ 131680	Kondensator SMD 10,0pF	560		4,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 131698	ñ0,25pF, 0603 Kondensator SMD 1,0nF	570		36,000	S
+ 131706	ñ5%, 0603 COG/NPO Widerstand SMD 0,00hm	580		21,000	S
+ 131714	ñ2%, 0,063W, 0603 Widerstand SMD 12,00hm	590		1,000	S
+ 131722	ñ1%, 0,063W, 0603 Widerstand SMD 18,00hm	600		2,000	S
+ 131748	ñ1%, 0,063W, 0603 Widerstand SMD 100,00hm	610		4,000	S
+ 131797	ñ1%, 0,063W, 0603 Widerstand SMD 1,0kOhm	620		3,000	S
+ 131805	ñ1%, 0,063W, 0603 Widerstand SMD 1,8kOhm	630		2,000	S
+ 131813	ñ1%, 0,063W, 0603 Widerstand SMD 2,2kOhm	640		7,000	S
+ 131847	ñ1%, 0,063W, 0603 Widerstand SMD 10,0kOhm	650		12,000	S
+ 131854	ñ1%, 0,063W, 0603 Widerstand SMD 100,0kOhm	660		6,000	S
+ 133835	OP-Single Supply LM258D SO-8 2 Systeme	670		1,000	S
+ 140381	Widerstand SMD 10,00hm ñ1%, 0,063W, 0603	680		2,000	S
+ 140691	Filter NFA 41R10C102	690		2,000	S
+ 140692	Pindiode SMD BAR63-04 SOT-23	700		9,000	S
+ 140862	Pindiode SMD BAR64-04 SOT-23	710		1,000	S
+ 140915	Mischer SME1400B-10 1,0-2500,0MHz, ñ10dBm	720		2,000	S
+ 140923	Bipolarer Transistor Typ:MRF5812 5,0GHz SMD	730		1,000	S
+ 141598	IC TLC274CD S014 4-fach Operationsverst.	740		1,000	S
+ 141957	Filter NFM 41P11C204	750		4,000	S
+ 141958	Filter NFM 40R11C471	760		2,000	S
+ 142131	Buchsenleiste, 20-polig einreihig SMD	770		2,000	S
+ 142275	Kondensator 4,7æF SMD 10V, Elko-Tantal	780		5,000	S
+ 142304	ENH-MOSFET-N Typ:BSS 131 GEG	790		1,000	S
+ 142562	Kondensator SMD 100,0nF 16,0V, 0603, ñ10%	800		7,000	S
+ 142582	Kondensator SMD 470pF 63,0V, 0603, NPO	810		1,000	S
+ 142715	Widerstand SMD 470,00hm ñ1%, 0,063W, 0603	820		6,000	S
+ 142799	šbertrager 1:1 f•r MRF581	830		1,000	S
+ 142943	G0699Z3A DEPL MOSFET-N Transistor	840		2,000	S
+ 143511	Typ: BF999 300 MHz GaAs-Verst„rker SNA-586	850		1,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 143767	DC-3,0GHz, SMD-Bauform Kondensator SMD 100,0nF ±10%, 50V, 0805	860		15,000	S
+ 143829	Varactordiode SMD MA4ST083CK-287 SOT-23	870		1,000	S
+ 144025	Buchsenleiste, 3-polig einreihig SMD	880		2,000	S
+ 144026	Kodierschalter DRS 7116 HEX-Codierung, invers	890		1,000	S
+ 144066	Widerstand SMD 2,4kOhm ±1%, 0,063W, 0603	900		1,000	S
+ 144115	Kondensator SMD 10,0nF 63V, 0603	910		9,000	S
+ 144116	Kondensator SMD 220pF 63V, 0603, NPO	920		2,000	S
+ 144121	Kondensator SMD 15pF 63V, 0603, NPO	930		1,000	S
+ 144127	Widerstand SMD 47kOhm ±1%, 0,063W, 0603	940		2,000	S
+ 144128	Widerstand SMD 33kOhm ±1%, 0,063W, 0603	950		1,000	S
+ 144183	Low Drop Regulator 5V/00 MIC5203-5V, 80mA, Micrel	960		1,000	S
+ 144184	Low Drop Regulator 5V/00 MIC5205-5V, 150mA, Micrel	970		1,000	S
+ 144185	Variabel Attenuator AT108,40dB,0-5V,S08 MACOM	980		1,000	S
+ 144379	Bipolarer Verstärker Typ:ERA-2-SM-TR	990		2,000	S
+ 144735	Kondensator SMD 22,0pF ±5%, 50V, 0603, NPO	1000		1,000	S
+ 144736	Kondensator SMD 33,0pF ±5%, 50V, 0603, NPO	1010		2,000	S
+ 144768	Widerstand SMD 6,80hm ±1%, 0,063W, 0603	1020		1,000	S
+ 144772	Widerstand SMD 27,00hm ±1%, 0,063W, 0603	1030		1,000	S
+ 144778	Widerstand SMD 150,00hm ±1%, 0,063W, 0603	1040		1,000	S
+ 144779	Widerstand SMD 330,00hm ±1%, 0,063W, 0603	1050		1,000	S
+ 144780	Widerstand SMD 390,00hm ±1%, 0,063W, 0603	1060		4,000	S
+ 144781	Widerstand SMD 680,00hm ±1%, 0,063W, 0603	1070		1,000	S
+ 144784	Widerstand SMD 3,9kOhm ±1%, 0,063W, 0603	1080		1,000	S
+ 144785	Widerstand SMD 4,7kOhm ±1%, 0,063W, 0603	1090		5,000	S
+ 144798	Widerstand SMD 330,0kOhm ±1%, 0,063W, 0603	1100		1,000	S
+ 144813	Widerstand SMD 51,00hm ±1%, 0,063W, 0603	1110		2,000	S
+ 144821	PLL Synthesizer LMX 2325 National, TSSOP20	1120		1,000	S
+ 145121	ENH-MOSFET-P, SOT23	1130		1,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 145217	Typ:BSS 84 IC TLC272CD S08 2-fach Operationsverst.	1140		1,000	S
+ 145224	Bipolarer Verstärker Typ:ERA-3SM	1150		3,000	S
+ 145821	Widerstand Poti SMD 20,0KOHM ±20%	1160		2,000	S
+ 145822	Widerstand Poti SMD 5,0KOHM ±20%	1170		1,000	S
+ 146089	Kondensator SMD 2,7pF ±0,25pF, 0603, NPO	1180		2,000	S
+ 146147	Kondensator SMD 3,3nF ±10%, 50V, 0603	1190		2,000	S
+ 146152	Kondensator SMD 5,6pF 50V, 0603	1200		30,000	S
+ 146693	Low Drop Regulator 3,3V MIC5205-3,3BM5, 150mA, SMD	1210		1,000	S
+ 147180	IC SMD AD8307AR DC-500MHZ Log-Amp.	1220		1,000	S
+ 147205	PTC-Temperatursensor SMD KTY-13-6 -50°C bis +150°C	1230		1,000	S
+ 148029	Kondensator SMD 8,2pF 50V, 0603	1240		1,000	S
+ 148265	Directional Coupler /00 10dB 5-500MHZ 500hm	1250		1,000	S
+ 148415	Spule SMD 22,0nH, ±5% 0805 Accu-L 23,5/33@0,9GH	1260		2,000	S
+ 148416	Spule SMD 2,2nH, ±5% 0805 Accu-L 2,3/72@2,4GHZ	1270		1,000	S
+ 148422	NPN Silicon RF-Transistor BFP420 SOT343-Marking AMs	1280		1,000	S
+ 148513	Low Drop Regulator SMD MIC29152BU 1,5A TO-263	1290		1,000	S
+ 148516	Widerstand Poti SMD 50,0OHM ±20% 0,25W	1300		1,000	S
+ 148621	Kondensator 10,0µF 20V Baugröße C Elko-Tantal	1310		1,000	S
+ 148805	Kondensator SMD 220,0nF ±10%, 25V, 1206	1320		1,000	S
+ 148838	Widerstand SMD 43,00hm ±1%, 0,063W, 0603	1330		1,000	S
+ 148886	3dB Hybrid, 90°, SMD 1800-2000MHz, Loss 3.0dB	1340		1,000	S
+ 149249	Platine best. 1377.1 WSt: FR4 1,0mm 35µm Cu P1377B0B	1350		1,000	S
+ 149715	Widerstand SMD 75,00hm ±1%, 0,063W, 0603	1360		1,000	S
+ 150516	Filter R /00 P1298B0B	1370		2,000	S
+ 142979	Buchsenleiste, 4-polig einreihig	1380		4,000	S
+ 142980	Buchsenleiste, 5-polig einreihig	1390		4,000	S
** Gesamtsumme Teile **				411,000	

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0 Bank Bonds		1 UL	2 DL
C106	varib	8q2	337
C225	varib	3q1	3q3
C226	varib	3q8	4q7
C227	varib	3q3	3q3
C228	varib	3q8	5q2
C229	varib	n.h.	7q3
C230	varib	3q8	4q9
C231	varib	2q7	n.h.
C232	varib	5q4	n.h.
C233	varib	n.h.	4q9
L37	varib	3q8	n.h.
L381	varib	n.h.	n.h.
L382	varib	n.h.	7q6q, 42,8,Kupferstecker, 0.28
L383	varib	n.h.	7q6q, 42,8,Kupferstecker, 0.28
L384	varib	7q6q, 42,8,Kupferstecker, 0.28	n.h.
L385	varib	7q6q, 42,8,Kupferstecker, 0.28	n.h.
L387	varib	L-7m, 42,8,Kupferstecker, 0.28	n.h.
R10	varib	n.h.	1.68q8
R117	varib	n.h.	22q8
R121	varib	n.h.	33q8
R123	varib	n.h.	3q8
R161	varib	0R	n.h.
R188	varib	0R	n.h.
21	varib	C377944TDCD	C377944TDCD
23	varib	C377944TDCD	C377944TDCD
Z10	varib	1000000-T	1000000-T

Designation	Type	Casing	Id.-No.	Function	Current [mA]	Voltage [V]
V1	ZMM5.1	MMELF_S	90134	Voltage Reference	1	5
V2	ZMM5.1	MMELF_S	90134	Voltage Reference	14	5
V3	BAR63-4	SOT23_C	140692	Attenuator	33	0.5
V4	BAR63-4	SOT23_C	140692	Attenuator	3	0.5
V5	ERA1SM	WW107_S	144378	RF amplifier	44	3.8
V7	MRF5812	SO8NB_C	140923	NPN Transistor	50	6
V8	LL4148	MMELF_C	15321	PN Diode	2.4	0.7
V10	BAR63-4	SOT23_C	140692	Attenuator	1.4	0.5
V11	ERA2SM	WW107_C	144379	amp	45	3.6
V12	SNA-586	SNA_C	143511	amp	68	5
V13	BAR63-4	SOT23_C	140692	Attenuator	1.4	0.5
V18	MSA-2111	SOT143_C	129114	amp	29	3.6
V19	BAR63-4	SOT23_C	140692	Attenuator	1.8	0.5
V28	BCX19	SOT23_S	23861	npn transistor	0.1	-
V32	BF999	SOT23_C	142943	mosfet transistor	-	-
V34	BF999	SOT23_C	142943	mosfet transistor	-	-
V36	AD 8307 AR	SO8NB_C	147180	op amp	-	-
V38	ERA3SM	WW107_C	145224	amplifier	35	3.6
V39	ERA3SM	WW107_C	145224	amplifier	35	3.6
V40	BCX19	SOT23_C	23861	npn transistor	2	0.7
V41	BFP420	SOT343A_C	148422	rf npn Trans	30	
V42	MA4ST083-287CK	SOT23_C	143829	varicap	0	5
V43	ERA3SM	WW107_C	145224	amplifier	32	3.6
V44	HSMP 3892	SOT23_C	148251	pin diode	4	0.5
V46	BCX17	SOT23_C	23663	pnp transistor	0.3	-
V50	BAR63-4	SOT23_C	140692	Attenuator	1.4	0.5
V51	BAR63-4	SOT23_C	140692	Attenuator	1.4	0.5
V52	BAR64-4	SOT23_C	140862	Attenuator	1.5	0.6
V54	BAR63-4	SOT23_C	140692	Attenuator	5	0.5
V55	BAR63-4	SOT23_C	140692	Attenuator	5	0.5
V56	BCX19	SOT23_S	23861	npn transistor	45	0.1
V57	BAS7004	SOT23_S	61440	schottky diode	0.05	0.5
V62	BCX19	SOT23_S	23861	npn transistor	1	-
V63	BSS131	SOT23_S	142304	mosfet n	1	-
V64	BCX19	SOT23_S	23861	npn transistor	3	-
V67	BSS84	SOT23_S	145121	mosfet p	70	-

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
148704	Basic Module CDMA /01 1850-1910/1930-1990MHz G0828Z0C			1,000	S
+ 150830	Assembly drawing Basic Module G0828M2A	10		0,000	S
+ 149094	Assembly drawing module handle G0832M2A	20		0,000	S
+ 148557	Montagematerial	30		1,000	S
+ 148021	Platine best. 1358.1 WSt: FR4 P1358B2D	40		2,000	S
+ 144406	Platine roh 1238.1 WSt: FR4 P1238P0A	50		2,000	S
+ 149850	Detektor GSM 1800/PCS /00 -10..-30dBm P1385B0B	60		2,000	S
+ 117549	Spule SMD 22,0nH, ñ5% 1206 verg., Keramik-Kern	70		1,000	S
+ 131631	Kondensator SMD 0,5pF ñ0,25pF, 0603	80		1,000	S
+ 131649	Kondensator SMD 1,0pF ñ0,25pF, 0603	90		1,000	S
+ 131656	Kondensator SMD 1,2pF ñ0,25pF, 0603	100		2,000	S
+ 131664	Kondensator SMD 2,2pF ñ0,25pF, 0603, NPO	110		1,000	S
+ 131680	Kondensator SMD 10,0pF ñ0,25pF, 0603	120		1,000	S
+ 131706	Widerstand SMD 0,00hm ñ2%, 0,063W, 0603	130		2,000	S
+ 131763	Widerstand SMD 220,00hm ñ1%, 0,063W, 0603	140		1,000	S
+ 131797	Widerstand SMD 1,0k0hm ñ1%, 0,063W, 0603	150		1,000	S
+ 140380	Widerstand SMD 560,00hm ñ1%, 0,063W, 0603	160		1,000	S
+ 140381	Widerstand SMD 10,00hm ñ1%, 0,063W, 0603	170		1,000	S
+ 140455	Filter Freq.: 1960,0MHz	180		3,000	S
+ 140456	Filter Freq.: 1880,0MHz	190		3,000	S
+ 142573	Kondensator SMD 56,0pF 63,0V, 0603	200		1,000	S
+ 143290	Stiftleiste 12-p.2-reihig MTSW-106-08-L-D-0275	210		1,000	S
+ 144733	Kondensator SMD 1,5pF ñ5%, 50V, 0603, NPO	220		2,000	S
+ 144734	Kondensator SMD 3,3pF ñ5%, 50V, 0603, NPO	230		1,000	S
+ 144786	Widerstand SMD 5,6k0hm ñ1%, 0,063W, 0603	240		1,000	S
+ 146089	Kondensator SMD 2,7pF	250		1,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl ME
+ 148029	10,25pF, 0603, NPO Kondensator SMD 8,2pF 50V, 0603	260		1,000 S
+ 148035	Kondensator SMD 3,9pF 50V, 0603	270		2,000 S
+ 148407	Spule SMD 3,9nH, 5% 0805 Accu-L 4,1/42@2,4GHz	280		1,000 S
+ 148521	Stiftleiste, 12-polig zweireihig, gerade	290		1,000 S
+ 148756	Isolator 1,930-1,990GHz Isolation: 15dB min. SMD	300		2,000 S
+ 148757	Isolator 1,850-1,910GHz Isolation: 15dB min SMD	310		2,000 S
+ 148894	Widerstand Poti SMD 100,0KOHM 20%	320		1,000 S
+ 149145	Spule SMD 1,8nH, 5% 0805 Accu-L 2,9/70@2,4GHz	330		1,000 S
+ 116004	Zylinderkopfschraube M2,0x4 DIN 912 Edelstahl	340		6,000 S
+ 14332	Unterlegscheibe für M2,0 DIN 125 A2 d:2,2	350		12,000 S
+ 147826	Label G0813AAA	360		0,000 S
+ 147817	Label G0813A1A	370		0,000 S
+ 60772	Etiketten "Warranty Void-If seal is	380		0,000 S
** Gesamtsumme Teile **				62,000

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
148021	Platine best. 1358.1 WSt: FR4 P1358B2D			1,000	S
+ 148473	Platine roh 1358.1 WSt: FR4 (1St.=0,5Nutzen) P1358P0A	10		1,000	S
+ 265	Widerstand SMD 68,0kOhm ñ5%, 0,125W, 0805	20		1,000	S
+ 7914	Widerstand SMD 0,00Ohm ñ5%, 0,125W, 0805	30		8,000	S
+ 7997	Widerstand SMD 8,20Ohm ñ5%, 0,125W, 0805	40		1,000	S
+ 8003	Widerstand SMD 10,00Ohm ñ5%, 0,125W, 0805	50		4,000	S
+ 8060	Widerstand SMD 18,00Ohm ñ5%, 0,125W, 0805	60		1,000	S
+ 8128	Widerstand SMD 33,00Ohm ñ5%, 0,125W, 0805	70		1,000	S
+ 8219	Widerstand SMD 82,00Ohm ñ5%, 0,125W, 0805	80		2,000	S
+ 8326	Widerstand SMD 240,00Ohm ñ5%, 0,125W, 0805	90		1,000	S
+ 8334	Widerstand SMD 270,00Ohm ñ5%, 0,125W, 0805	100		1,000	S
+ 8482	Widerstand SMD 1,0kOhm ñ5%, 0,125W, 0805	110		1,000	S
+ 8581	Widerstand SMD 4,7kOhm ñ5%, 0,125W, 0805	120		1,000	S
+ 8722	Widerstand SMD 0,00Ohm ñ5%, 0,25W, 1206	130		1,000	S
+ 8730	Widerstand SMD 10,00Ohm ñ5%, 0,25W, 1206	140		1,000	S
+ 8813	Widerstand SMD 62,00Ohm ñ5%, 0,25W, 1206	150		1,000	S
+ 8946	Widerstand SMD 3,3kOhm ñ5%, 0,25W, 1206	160		1,000	S
+ 9316	Widerstand SMD 82,00Ohm ñ5%, 0,25W, 1206	170		1,000	S
+ 11346	Kohleschicht-Widerstand bed 1,5kOhm ñ5% 0,2W 0204	180		2,000	S
+ 12344	Kondensator SMD 1,5pF ñ0,25pF, 0805	190		1,000	S
+ 12351	Kondensator SMD 1,0pF ñ0,25pF, 50V, 0805	200		1,000	S
+ 12377	Kondensator SMD 2,2pF ñ0,25pF, 0805	210		1,000	S
+ 12419	Kondensator SMD 5,6pF ñ0,25pF, 50V, 0805	220		3,000	S
+ 12435	Kondensator SMD 10,0pF ñ0,25pF, 100V, 0805	230		2,000	S
+ 15321	Universalodiode SMD LL4148 100,0V, 150mA, MiniMELF	240		1,000	S
+ 23663	Bipolarer Transistor PNP Typ:BCX17 100,0MHz	250		1,000	S
+ 23861	Bipolarer Transistor NPN Typ:BCX19 150,0MHz	260		5,000	S
+ 31971	IC-Spannungsregler	270		1,000	S

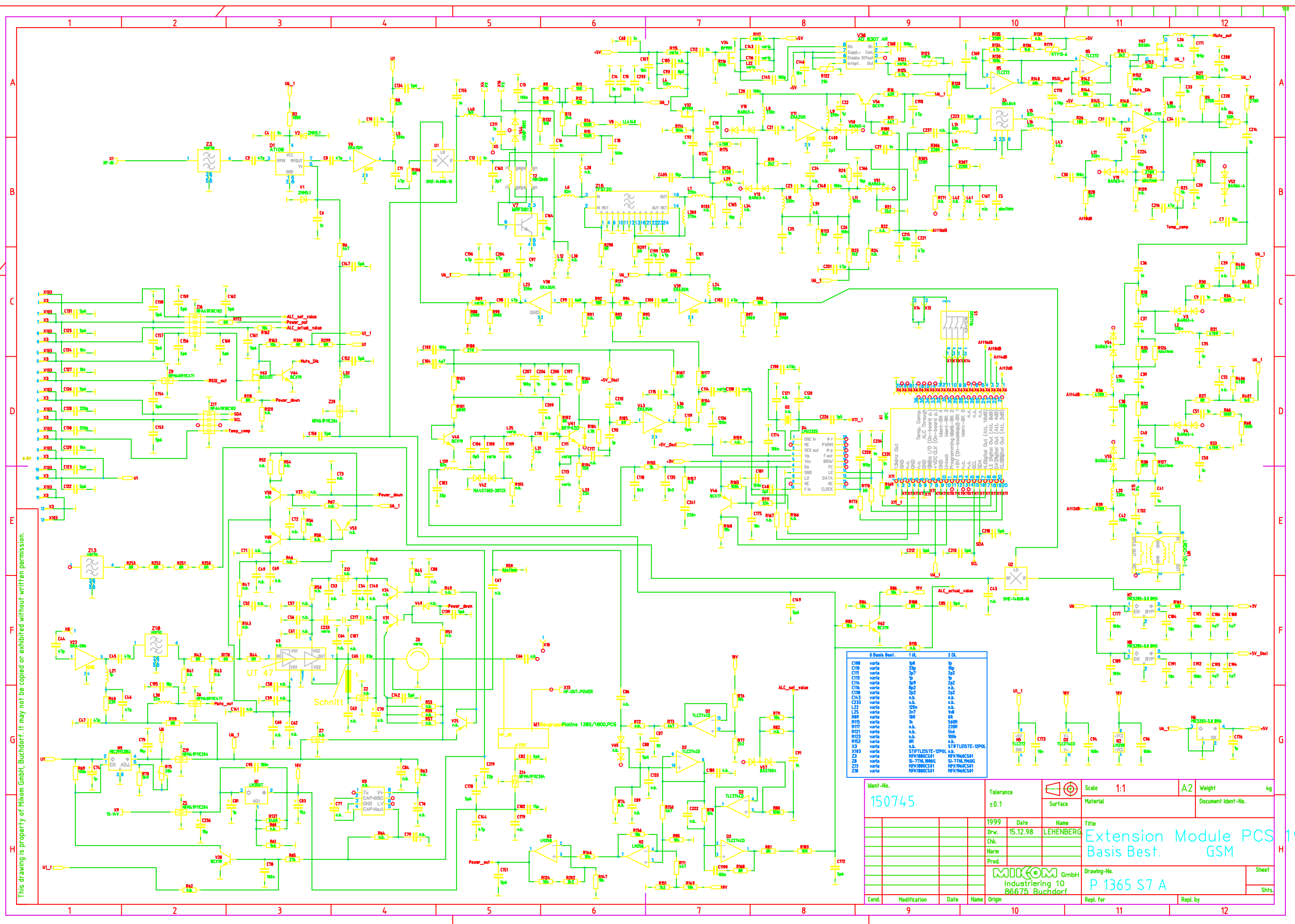
Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 33837	LM350T 1,25-33V 3A Kondensator SMD 10,0nF ñ10%, 63V, 0805	280		1,000	S
+ 39651	Kondensator SMD 33,0pF ñ5%, 50V, 1206	290		1,000	S
+ 42010	Spule SMD 100,0nH, ñ5% 1206 verg., Keramik-Kern	300		1,000	S
+ 42036	Spule SMD 1500,0nH, ñ5% 1206 verg., Ferrit-Kern	310		1,000	S
+ 46607	Kondensator SMD 1,0nF ñ5%, 50V, 1206	320		3,000	S
+ 61440	Schottky-Diode SMD BAS 70-04 -70,0V SOT-23	330		1,000	S
+ 62877	Spule SMD 1000,0nH, ñ5% 1206 verg., Keramik-Kern	340		1,000	S
+ 66175	Kondensator SMD 1,0nF ñ5%, 50V, 0805	350		3,000	S
+ 68650	Widerstand SMD 2,2kOhm ñ5%, 0,25W, 1206	360		1,000	S
+ 74179	Widerstand SMD 100,00hm ñ5%, 0,125W, 0805	370		2,000	S
+ 75655	Spule SMD 330,0nH, ñ5% 1206 verg., Keramik-Kern	380		13,000	S
+ 75820	Widerstand SMD 10,0kOhm ñ5%, 0,125W, 0805	390		4,000	S
+ 75903	Widerstand SMD 100,0kOhm ñ5%, 0,25W, 1206	400		1,000	S
+ 76471	Widerstand SMD 1,6kOhm ñ5%, 0,125W, 0805	410		1,000	S
+ 79681	Widerstand SMD 1,2kOhm ñ5%, 0,125W, 0805	420		2,000	S
+ 87148	Widerstand SMD 27,0kOhm ñ5%, 0,125W, 0805	430		1,000	S
+ 88518	Kondensator SMD 100,0nF ñ20%, 63,0V, 1206	440		1,000	S
+ 90134	Zenerdiode SMD ZMM5,1 5,1V, 0,5W, MiniMELF	450		2,000	S
+ 90332	Kondensator 6,8pF ñ0,25pF/50V/0603/NPO	460		2,000	S
+ 91181	Kondensator SMD 470,0nF 25V, 1210	470		1,000	S
+ 94037	Kondensator SMD 100,0pF 50V, 0603	480		5,000	S
+ 99440	Kondensator 10,0µF SMD ñ10%, 25V Tantal Elko	490		2,000	S
+ 101246	Widerstand SMD 22,00hm ñ5%, 0,25W, 1206	500		1,000	S
+ 113332	Kondensator SMD 0,5pF ñ25%, 50V, 0805	510		1,000	S
+ 117549	Spule SMD 22,0nH, ñ5% 1206 verg., Keramik-Kern	520		4,000	S
+ 117564	Spule SMD 82,0nH, ñ5% 1206 verg., Keramik-Kern	530		1,000	S
+ 118653	MMS-Buchse 50,00hm	540		3,000	S
+ 120543	Kondensator 1,0µF 25V, Baugröße A	550		4,000	S
+ 129114	Bipolarer Verstärker	560		1,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 131672	Typ:MSA-2111 TR-1 Kondensator SMD 47,0pF ñ5%, 0603	570		22,000	S
+ 131680	Kondensator SMD 10,0pF ñ0,25pF, 0603	580		3,000	S
+ 131698	Kondensator SMD 1,0nF ñ5%, 0603 COG/NPO	590		37,000	S
+ 131706	Widerstand SMD 0,00hm ñ2%, 0,063W, 0603	600		21,000	S
+ 131714	Widerstand SMD 12,00hm ñ1%, 0,063W, 0603	610		1,000	S
+ 131722	Widerstand SMD 18,00hm ñ1%, 0,063W, 0603	620		2,000	S
+ 131748	Widerstand SMD 100,00hm ñ1%, 0,063W, 0603	630		4,000	S
+ 131797	Widerstand SMD 1,0k0hm ñ1%, 0,063W, 0603	640		3,000	S
+ 131805	Widerstand SMD 1,8k0hm ñ1%, 0,063W, 0603	650		3,000	S
+ 131813	Widerstand SMD 2,2k0hm ñ1%, 0,063W, 0603	660		7,000	S
+ 131847	Widerstand SMD 10,0k0hm ñ1%, 0,063W, 0603	670		12,000	S
+ 131854	Widerstand SMD 100,0k0hm ñ1%, 0,063W, 0603	680		6,000	S
+ 133496	Kondensator SMD 33,0pF ñ0,25pF, 0805	690		1,000	S
+ 133835	OP-Single Supply LM258D SO-8 2 Systeme	700		1,000	S
+ 140381	Widerstand SMD 10,00hm ñ1%, 0,063W, 0603	710		2,000	S
+ 140691	Filter NFA 41R10C102	720		2,000	S
+ 140692	Pindiode SMD BAR63-04 SOT-23	730		9,000	S
+ 140862	Pindiode SMD BAR64-04 SOT-23	740		1,000	S
+ 140915	Mischer SME1400B-10 1,0-2500,0MHz, ñ10dBm	750		2,000	S
+ 140923	Bipolarer Transistor Typ:MRF5812 5,0GHz SMD	760		1,000	S
+ 141598	IC TLC274CD SO14 4-fach Operationsverst.	770		1,000	S
+ 141957	Filter NFM 41P11C204	780		4,000	S
+ 141958	Filter NFM 40R11C471	790		2,000	S
+ 142131	Buchsenleiste, 20-polig einreihig SMD	800		2,000	S
+ 142275	Kondensator 4,7µF SMD 10V, Elko-Tantal	810		5,000	S
+ 142304	ENH-MOSFET-N Typ:BSS 131 GEG	820		1,000	S
+ 142562	Kondensator SMD 100,0nF 16,0V, 0603, ñ10%	830		7,000	S
+ 142582	Kondensator SMD 470pF 63,0V, 0603, NPO	840		1,000	S
+ 142715	Widerstand SMD 470,00hm ñ1%, 0,063W, 0603	850		6,000	S
+ 142799	šbertrager 1:1	860		1,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
	f•r MRF581				
	G0699Z3A				
+ 142943	DEPL MOSFET-N Transistor	870		2,000	S
	Typ: BF999 300 MHz				
+ 143511	GaAs-Verst•rker SNA-586	880		1,000	S
	DC-3,0GHz, SMD-Bauform				
+ 143767	Kondensator SMD 100,0nF	890		15,000	S
	•10%, 50V, 0805				
+ 143829	Varactordiode SMD	900		1,000	S
	MA4ST083CK-287 SOT-23				
+ 144025	Buchsenleiste, 3-polig	910		2,000	S
	einreihig SMD				
+ 144026	Kodierschalter DRS 7116	920		1,000	S
	HEX-Codierung, invers				
+ 144066	Widerstand SMD 2,4kOhm	930		1,000	S
	•1%, 0,063W, 0603				
+ 144115	Kondensator SMD 10,0nF	940		9,000	S
	63V, 0603				
+ 144116	Kondensator SMD 220pF	950		2,000	S
	63V, 0603, NPO				
+ 144121	Kondensator SMD 15pF	960		1,000	S
	63V, 0603, NPO				
+ 144127	Widerstand SMD 47kOhm	970		2,000	S
	•1%, 0,063W, 0603				
+ 144128	Widerstand SMD 33kOhm	980		1,000	S
	•1%, 0,063W, 0603				
+ 144183	Low Drop Regulator 5V/00	990		1,000	S
	MIC5203-5V, 80mA, Micrel				
+ 144184	Low Drop Regulator 5V/00	1000		1,000	S
	MIC5205-5V, 150mA, Micrel				
+ 144185	Variabel Attenuator	1010		1,000	S
	AT108,40dB,0-5V,S08 MACOM				
+ 144378	Bipolarer Verst•rker	1020		1,000	S
	Typ:ERA-1-SM-TR				
+ 144379	Bipolarer Verst•rker	1030		1,000	S
	Typ:ERA-2-SM-TR				
+ 144735	Kondensator SMD 22,0pF	1040		1,000	S
	•5%, 50V, 0603, NPO				
+ 144736	Kondensator SMD 33,0pF	1050		2,000	S
	•5%, 50V, 0603, NPO				
+ 144768	Widerstand SMD 6,80hm	1060		1,000	S
	•1%, 0,063W, 0603				
+ 144772	Widerstand SMD 27,00hm	1070		1,000	S
	•1%, 0,063W, 0603				
+ 144778	Widerstand SMD 150,00hm	1080		1,000	S
	•1%, 0,063W, 0603				
+ 144779	Widerstand SMD 330,00hm	1090		1,000	S
	•1%, 0,063W, 0603				
+ 144780	Widerstand SMD 390,00hm	1100		4,000	S
	•1%, 0,063W, 0603				
+ 144781	Widerstand SMD 680,00hm	1110		1,000	S
	•1%, 0,063W, 0603				
+ 144784	Widerstand SMD 3,9kOhm	1120		1,000	S
	•1%, 0,063W, 0603				
+ 144785	Widerstand SMD 4,7kOhm	1130		5,000	S
	•1%, 0,063W, 0603				
+ 144798	Widerstand SMD 330,0kOhm	1140		1,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 144813	±1%, 0,063W, 0603 Widerstand SMD 51,00Ω	1150		2,000	S
+ 144821	±1%, 0,063W, 0603 PLL Synthesizer LMX 2325	1160		1,000	S
+ 145121	National, TSSOP20 ENH-MOSFET-P, SOT23	1170		1,000	S
+ 145217	Typ:BSS 84 IC TLC272CD S08	1180		1,000	S
+ 145224	2-fach Operationsverst. Bipolarer Verstärker	1190		3,000	S
+ 145821	Typ:ERA-3SM Widerstand Poti SMD	1200		2,000	S
+ 145822	20,0KΩHM ±20% Widerstand Poti SMD	1210		1,000	S
+ 146089	5,0KΩHM ±20% Kondensator SMD 2,7pF	1220		2,000	S
+ 146147	±0,25pF, 0603, NPO Kondensator SMD 3,3nF	1230		2,000	S
+ 146152	±10%, 50V, 0603 Kondensator SMD 5,6pF	1240		30,000	S
+ 146693	50V, 0603 Low Drop Regulator 3,3V	1250		1,000	S
+ 147180	MIC5205-3,3BM5, 150mA,SMD IC SMD AD8307AR	1260		1,000	S
+ 147205	DC-500MHz Log-Amp. PTC-Temperatursensor SMD	1270		1,000	S
+ 148029	KTY-13-6 -50°C bis +150°C Kondensator SMD 8,2pF	1280		1,000	S
+ 148251	50V, 0603 Doppel PIN-Diode	1290		1,000	S
+ 148265	HSMP3892 SOT-23 Directional Coupler /00	1300		1,000	S
+ 148414	10dB 5-500MHz 50Ωhm Spule SMD 18,0nH, ±5%	1310		1,000	S
+ 148415	0805 Accu-L 18,8/37@0,9GH Spule SMD 22,0nH, ±5%	1320		2,000	S
+ 148416	0805 Accu-L 23,5/33@0,9GH Spule SMD 2,2nH, ±5%	1330		1,000	S
+ 148422	0805 Accu-L 2,3/72@2,4GHz NPN Silicon RF-Transistor	1340		1,000	S
+ 148513	BFP420 SOT343-Marking AMs Low Drop Regulator SMD	1350		1,000	S
+ 148516	MIC29152BU 1,5A TO-263 Widerstand Poti SMD	1360		1,000	S
+ 148621	50,00ΩHM ±20% 0,25W Kondensator 10,0µF 20V	1370		1,000	S
+ 148805	Baugruppe C Elko-Tantal Kondensator SMD 220,0nF	1380		1,000	S
+ 148808	±10%, 25V, 1206 SAW Filter 855544/00	1390		2,000	S
+ 148838	bw1,23MHz fc240MHz Widerstand SMD 43,00Ωhm	1400		1,000	S
+ 148886	±1%, 0,063W, 0603 3dB Hybrid, 90°, SMD	1410		1,000	S
+ 149249	1800-2000MHz, Loss 3.0dB Platine best. 1377.1	1420		1,000	S

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Artikelnummer	Artikelbezeichnung	Pos. Bemerkung	Anzahl ME
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	WSt: FR4 1,0mm 35µm Cu		
	P1377B0B		
+ 149715	Widerstand SMD 75,00hm	1430	1,000 S
	±1%, 0,063W, 0603		
+ 67041	Kontaktstreifen Form Y	1440	0,040 M
	Oberfläche: verzinnt		
+ 142979	Buchsenleiste, 4-polig	1450	4,000 S
	einreihig		
+ 142980	Buchsenleiste, 5-polig	1460	4,000 S
	einreihig		
	** Gesamtsumme Teile **		417,040



0 Basis Best.	1 IL	2 DL
varia	36d	n.b.
varia	33p	2p
varia	30p	9d
varia	30p	0
varia	26p	26c
varia	8e2	n.b.
varia	26c	26c
varia	n.b.	n.b.
varia	n.b.	n.b.
varia	12m	n.b.
varia	27c	1e8
varia	10e	8R
varia	ll	540R
varia	n.b.	230R
varia	n.b.	54e
varia	n.b.	100k
varia	0R	n.b.
varia	n.b.	STFTLEISTE-12POL
varia	STFTLEISTE-12POL	n.b.
varia	HFK180ACS1	HFK196ACS1
varia	SI-T7H.1088G	SI-T7H.1960G
varia	HFK180ACS1	HFK196ACS1
varia	HFK180ACS1	HFK196ACS1

Tolerance ±0.1				Scale 1:1	A2	Weight kg
Surface		Material			Document Ident.-No.	
1999	Date	Name	Title			
Dwr.	15.12.98	LEHENBERG	Extension Module PCS Basis Best. GSM			
Chk.						
Norm						
Prod.						
 Industriering 10 86675 Buchdorf			Drawing-No. P 1365 S7 A			Sheet Shts.
Origin			Repl. for		Repl. by	

Designation	Type	Casing	Id.-No.	Function	Current [mA]	Voltage [V]
V1	ZMM5.1	MMELF_S	90134	voltage reference	1	5
V2	ZMM5.1	MMELF_S	90134	voltage reference	14	5
V3	BAR63-4	SOT23_C	140692	attenuator	3	0.5
V4	BAR63-4	SOT23_C	140692	attenuator	3	0.5
V6	ERA1SM	WW107_S	144378	amplifier	44	3.8
V7	MRF5812	SO8NB_C	140923	nnp transistor	50	6
V8	LL4148	MMELF_C	15321	pn diode	2.4	0.7
V10	BAR63-4	SOT23_C	140692	attenuator	1.4	0.5
V11	ERA2SM	WW107_C	144379	amplifier	45	3.6
V13	BAR63-4	SOT23_C	140692	attenuator	1.4	0.5
V18	MSA-2111	SOT143_C	129114	amplifier	29	3.6
V19	BAR63-4	SOT23_C	140692	attenuator	1.8	0.5
V23	SNA-586	SNA_C	143511	amplifier	68	5
V24	n.b.	SOT23_S				
V25	n.b.	SOT23_S				
V27	n.b.	MMELF_S				
V28	BCX19	SOT23_S	23861	nnp transistor	0.1	-
V31	n.b.	SOT23_S				
V32	BF999	SOT23_C	142943	mosfet transistor	-	-
V34	BF999	SOT23_C	142943	mosfet transistor	-	-
V36	AD 8307 AR	SO8NB_C	147180	op amp	-	-
V38	ERA3SM	WW107_C	145224	amplifier	35	3.6
V39	ERA3SM	WW107_C	145224	amplifier	35	3.6
V40	BCX19	SOT23_C	23861	nnp transistor	2	0.7
V41	BFP420	SOT343A_C	148422	rf npn transistor	30	
V42	MA4ST083-287CK	SOT23_C	143829	varicap	0	5
V43	ERA3SM	WW107_C	145224	amplifier	32	3.6
V44	HSMP 3892	SOT23_C	148251	pin diode	4	0.5
V46	BCX17	SOT23_C	23663	pnp transistor	0.3	-
V49	n.b.	MMELF_S				
V50	BAR63-4	SOT23_C	140692	attenuator	1.4	0.5
V51	BAR63-4	SOT23_C	140692	attenuator	1.4	0.5
V52	BAR64-4	SOT23_C	140862	attenuator	1.5	0.6
V53	n.b.	SOT23_S				
V54	BAR63-4	SOT23_C	140692	attenuator	5	0.5
V55	BAR63-4	SOT23_C	140692	attenuator	5	0.5
V56	BCX19	SOT23_S	23861	nnp transistor	45	0.1
V57	BAS7004	SOT23_S	61440	schottky diode	0.05	0.5
V58	n.b.	SOT23_S				
V62	BCX19	SOT23_S	23861	nnp transistor	1	-
V63	BSS131	SOT23_S	142304	mosfet n	1	-
V64	BCX19	SOT23_S	23861	nnp transistor	3	-
V65	n.b.	SOT23_C				
V67	BSS84	SOT23_S	145121	mosfet p	70	-
V68	n.b.	SOT23_S				

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
148705	Extension Module /00 1850-1910/1930-1990MHz G0832Z0D			1,000	S
+ 148878	Assembly drawing G0832M1E	10		0,000	S
+ 149094	Assembly drawing module handle G0832M2A	20		0,000	S
+ 148889	Montagematerial	30		1,000	S
+ 150622	Platine roh 1388.2 WSt: FR4 1,5mm Cu:35µm P1388P0B	40		2,000	S
+ 150745	Platine best. 1365.1 WSt: FR4 P1365B7A	50		2,000	S
+ 149850	Detektor GSM 1800/PCS /00 -10...-30dBm P1385B0B	60		2,000	S
+ 117572	Spule SMD 120,0nH, ñ5% 1206 verg., Keramik-Kern	70		1,000	S
+ 131649	Kondensator SMD 1,0pF ñ0,25pF, 0603	80		3,000	S
+ 131656	Kondensator SMD 1,2pF ñ0,25pF, 0603	90		4,000	S
+ 131680	Kondensator SMD 10,0pF ñ0,25pF, 0603	100		1,000	S
+ 131706	Widerstand SMD 0,00hm ñ2%, 0,063W, 0603	110		2,000	S
+ 131763	Widerstand SMD 220,00hm ñ1%, 0,063W, 0603	120		1,000	S
+ 131797	Widerstand SMD 1,0k0hm ñ1%, 0,063W, 0603	130		1,000	S
+ 140380	Widerstand SMD 560,00hm ñ1%, 0,063W, 0603	140		1,000	S
+ 140381	Widerstand SMD 10,00hm ñ1%, 0,063W, 0603	150		1,000	S
+ 140455	Filter Freq.: 1960,0MHz	160		3,000	S
+ 140456	Filter Freq.: 1880,0MHz	170		3,000	S
+ 143290	Stiftleiste 12-p.2-reihig MTSW-106-08-L-D-0275	180		1,000	S
+ 144295	Spule SMD 2,7nH, ñ0,3nH Typ 2012 High Frequenz	190		1,000	S
+ 144736	Kondensator SMD 33,0pF ñ5%, 50V, 0603, NPO	200		1,000	S
+ 144786	Widerstand SMD 5,6k0hm ñ1%, 0,063W, 0603	210		1,000	S
+ 146089	Kondensator SMD 2,7pF ñ0,25pF, 0603, NPO	220		1,000	S
+ 148029	Kondensator SMD 8,2pF 50V, 0603	230		1,000	S
+ 148035	Kondensator SMD 3,9pF 50V, 0603	240		1,000	S
+ 148501	Kondensator SMD 1,8pF	250		1,000	S

+ 148521	1p8 5% 50V NPO 0603 Stiftleiste, 12-polig	260		1,000 S
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Baugruppenstückliste für: 148705 Extension Module /00 1850-1910/1930-1990MHz GSM
 27.05.1999 3 Seite: 2

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Artikelnummer	Artikelbezeichnung	Pos. Bemerkung	Anzahl ME
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+ 148756	zweireihig, gerade Isolator 1,930-1,990GHz Isolation: 15dB min. SMD	270	1,000 S
+ 148757	Isolator 1,850-1,910GHz Isolation: 15dB min SMD	280	1,000 S
+ 148894	Widerstand Poti SMD 100,0KOHM ñ20%	290	1,000 S
+ 149145	Spule SMD 1,8nH, ñ5%	300	1,000 S
+ 116004	0805 Accu-L 2,9/70@2,4GHz Zylinderkopfschraube M2,0x4 DIN 912 Edelstahl	310	4,000 S
+ 14332	Unterlegscheibe für M2,0 DIN 125 A2 d:2,2	320	8,000 S
+ 147823	Label G0813A7A	330	0,000 S
+ 60772	Etiketten "Warranty Void-If seal is	340	0,000 S
	** Gesamtsumme Teile **		53,000

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
150745	Platine best. 1365.1 WSt: FR4 P1365B7A			1,000	S
+ 148658	Platine roh 1365.1 WSt: FR4 (1St.=0,5Nutzen) P1365P0B	10		1,000	S
+ 265	Widerstand SMD 68,0kOhm ñ5%, 0,125W, 0805	20		1,000	S
+ 7914	Widerstand SMD 0,00Ohm ñ5%, 0,125W, 0805	30		7,000	S
+ 7997	Widerstand SMD 8,20Ohm ñ5%, 0,125W, 0805	40		1,000	S
+ 8003	Widerstand SMD 10,00Ohm ñ5%, 0,125W, 0805	50		4,000	S
+ 8060	Widerstand SMD 18,00Ohm ñ5%, 0,125W, 0805	60		1,000	S
+ 8128	Widerstand SMD 33,00Ohm ñ5%, 0,125W, 0805	70		1,000	S
+ 8219	Widerstand SMD 82,00Ohm ñ5%, 0,125W, 0805	80		2,000	S
+ 8326	Widerstand SMD 240,00Ohm ñ5%, 0,125W, 0805	90		1,000	S
+ 8334	Widerstand SMD 270,00Ohm ñ5%, 0,125W, 0805	100		3,000	S
+ 8482	Widerstand SMD 1,0kOhm ñ5%, 0,125W, 0805	110		1,000	S
+ 8581	Widerstand SMD 4,7kOhm ñ5%, 0,125W, 0805	120		1,000	S
+ 8722	Widerstand SMD 0,00Ohm ñ5%, 0,25W, 1206	130		1,000	S
+ 8730	Widerstand SMD 10,00Ohm ñ5%, 0,25W, 1206	140		1,000	S
+ 8813	Widerstand SMD 62,00Ohm ñ5%, 0,25W, 1206	150		1,000	S
+ 8946	Widerstand SMD 3,3kOhm ñ5%, 0,25W, 1206	160		1,000	S
+ 9316	Widerstand SMD 82,00Ohm ñ5%, 0,25W, 1206	170		1,000	S
+ 11346	Kohleschicht-Widerstand bed 1,5kOhm ñ5% 0,2W 0204	180		2,000	S
+ 12344	Kondensator SMD 1,5pF ñ0,25pF, 0805	190		1,000	S
+ 12351	Kondensator SMD 1,0pF ñ0,25pF, 50V, 0805	200		1,000	S
+ 12377	Kondensator SMD 2,2pF ñ0,25pF, 0805	210		1,000	S
+ 12419	Kondensator SMD 5,6pF ñ0,25pF, 50V, 0805	220		2,000	S
+ 12435	Kondensator SMD 10,0pF ñ0,25pF, 100V, 0805	230		1,000	S
+ 12492	Kondensator SMD 2,7pF ñ0,25pF, 63V, 0805	240		1,000	S
+ 15321	Universaldiode SMD LL4148 100,0V, 150mA, MiniMELF	250		1,000	S
+ 23663	Bipolarer Transistor PNP Typ:BCX17 100,0MHz	260		1,000	S
+ 23861	Bipolarer Transistor NPN	270		5,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 31971	Typ:BCX19 150,0MHz IC-Spannungsregler LM350T 1,25-33V 3A	280		1,000	S
+ 33837	Kondensator SMD 10,0nF ñ10%, 63V, 0805	290		1,000	S
+ 39602	Kondensator SMD 10,0pF ñ0,25pF, 50V, 1206	300		1,000	S
+ 42010	Spule SMD 100,0nH, ñ5% 1206 verg., Keramik-Kern	310		1,000	S
+ 42036	Spule SMD 1500,0nH, ñ5% 1206 verg., Ferrit-Kern	320		1,000	S
+ 46607	Kondensator SMD 1,0nF ñ5%, 50V, 1206	330		2,000	S
+ 51078	Spule SMD 68,0nH, ñ5% 1206 verg., Keramik-Kern	340		1,000	S
+ 56168	Spule SMD 270,0nH, ñ5% 1206 verg., Keramik-Kern	350		1,000	S
+ 58446	Spule SMD 220,0nH, ñ5% 1206 verg., Keramik-Kern	360		1,000	S
+ 61440	Schottky-Diode SMD BAS 70-04 -70,0V SOT-23	370		1,000	S
+ 62877	Spule SMD 1000,0nH, ñ5% 1206 verg., Keramik-Kern	380		1,000	S
+ 66175	Kondensator SMD 1,0nF ñ5%, 50V, 0805	390		3,000	S
+ 68650	Widerstand SMD 2,2kOhm ñ5%, 0,25W, 1206	400		1,000	S
+ 70318	Spule SMD 56,0nH, ñ5% 1206 verg., Keramik-Kern	410		1,000	S
+ 74179	Widerstand SMD 100,0Ohm ñ5%, 0,125W, 0805	420		2,000	S
+ 75655	Spule SMD 330,0nH, ñ5% 1206 verg., Keramik-Kern	430		12,000	S
+ 75820	Widerstand SMD 10,0kOhm ñ5%, 0,125W, 0805	440		4,000	S
+ 75903	Widerstand SMD 100,0kOhm ñ5%, 0,25W, 1206	450		1,000	S
+ 76471	Widerstand SMD 1,6kOhm ñ5%, 0,125W, 0805	460		1,000	S
+ 79681	Widerstand SMD 1,2kOhm ñ5%, 0,125W, 0805	470		2,000	S
+ 87148	Widerstand SMD 27,0kOhm ñ5%, 0,125W, 0805	480		1,000	S
+ 88518	Kondensator SMD 100,0nF ñ20%, 63,0V, 1206	490		2,000	S
+ 90134	Zenerdiode SMD ZMM5,1 5,1V, 0,5W, MiniMELF	500		2,000	S
+ 90332	Kondensator 6,8pF ñ0,25pF/50V/0603/NPO	510		2,000	S
+ 91181	Kondensator SMD 470,0nF 25V, 1210	520		1,000	S
+ 94037	Kondensator SMD 100,0pF 50V, 0603	530		5,000	S
+ 99440	Kondensator 10,0µF SMD ñ10%, 25V Tantal Elko	540		2,000	S
+ 101246	Widerstand SMD 22,0Ohm	550		1,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 117549	±5%, 0,25W, 1206 Spule SMD 22,0nH, ±5% 1206 verg., Keramik-Kern	560		3,000	S
+ 117564	Spule SMD 82,0nH, ±5% 1206 verg., Keramik-Kern	570		2,000	S
+ 117572	Spule SMD 120,0nH, ±5% 1206 verg., Keramik-Kern	580		1,000	S
+ 118653	MMS-Buchse 50,00hm	590		3,000	S
+ 120543	Kondensator 1,0µF 25V, Baugröße A	600		4,000	S
+ 129114	Bipolarer Verstärker Typ:MSA-2111 TR-1	610		1,000	S
+ 131631	Kondensator SMD 0,5pF ±0,25pF, 0603	620		1,000	S
+ 131672	Kondensator SMD 47,0pF ±5%, 0603	630		20,000	S
+ 131680	Kondensator SMD 10,0pF ±0,25pF, 0603	640		5,000	S
+ 131698	Kondensator SMD 1,0nF ±5%, 0603 COG/NPO	650		35,000	S
+ 131706	Widerstand SMD 0,00hm ±2%, 0,063W, 0603	660		20,000	S
+ 131714	Widerstand SMD 12,00hm ±1%, 0,063W, 0603	670		2,000	S
+ 131722	Widerstand SMD 18,00hm ±1%, 0,063W, 0603	680		2,000	S
+ 131730	Widerstand SMD 47,00hm ±1%, 0,063W, 0603	690		1,000	S
+ 131748	Widerstand SMD 100,00hm ±1%, 0,063W, 0603	700		4,000	S
+ 131763	Widerstand SMD 220,00hm ±1%, 0,063W, 0603	710		3,000	S
+ 131797	Widerstand SMD 1,0k0hm ±1%, 0,063W, 0603	720		3,000	S
+ 131805	Widerstand SMD 1,8k0hm ±1%, 0,063W, 0603	730		3,000	S
+ 131813	Widerstand SMD 2,2k0hm ±1%, 0,063W, 0603	740		7,000	S
+ 131847	Widerstand SMD 10,0k0hm ±1%, 0,063W, 0603	750		12,000	S
+ 131854	Widerstand SMD 100,0k0hm ±1%, 0,063W, 0603	760		6,000	S
+ 133835	OP-Single Supply LM258D SO-8 2 Systeme	770		1,000	S
+ 140341	SAW Filter 854849/00 bw200kHz(1dB) fc120MHz	780		1,000	S
+ 140381	Widerstand SMD 10,00hm ±1%, 0,063W, 0603	790		3,000	S
+ 140691	Filter NFA 41R10C102	800		2,000	S
+ 140692	Pindiode SMD BAR63-04 SOT-23	810		9,000	S
+ 140862	Pindiode SMD BAR64-04 SOT-23	820		1,000	S
+ 140915	Mischer SME1400B-10 1,0-2500,0MHz, ±10dBm	830		2,000	S
+ 140923	Bipolarer Transistor	840		1,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 141598	Typ:MRF5812 5,0GHz SMD IC TLC274CD S014	850		1,000	S
+ 141950	4-fach Operationsverst. SAW Filter TFS120/00	860		1,000	S
+ 141957	bw200kHz(1dB) fc120MHz Filter NFM 41P11C204	870		4,000	S
+ 141958	Filter NFM 40R11C471	880		2,000	S
+ 142131	Buchsenleiste, 20-polig einreihig SMD	890		2,000	S
+ 142275	Kondensator 4,7µF SMD 10V, Elko-Tantal	900		5,000	S
+ 142304	ENH-MOSFET-N	910		1,000	S
+ 142562	Typ:BSS 131 GEG Kondensator SMD 100,0nF	920		7,000	S
+ 142582	16,0V, 0603, ñ10% Kondensator SMD 470pF	930		1,000	S
+ 142715	63,0V, 0603, NPO Widerstand SMD 470,00hm	940		8,000	S
+ 142799	ñ1%, 0,063W, 0603 šbertrager 1:1	950		1,000	S
+ 142943	f•r MRF581 G0699Z3A DEPL MOSFET-N Transistor	960		2,000	S
+ 143511	Typ: BF999 300 MHz GaAs-Verst•rker SNA-586	970		1,000	S
+ 143767	DC-3,0GHz, SMD-Bauform Kondensator SMD 100,0nF	980		15,000	S
+ 143829	ñ10%, 50V, 0805 Varactordiode SMD	990		1,000	S
+ 144025	MA4ST083CK-287 SOT-23 Buchsenleiste, 3-polig	1000		2,000	S
+ 144026	einreihig SMD Kodierschalter DRS 7116	1010		1,000	S
+ 144066	HEX-Codierung, invers Widerstand SMD 2,4kOhm	1020		1,000	S
+ 144115	ñ1%, 0,063W, 0603 Kondensator SMD 10,0nF	1030		9,000	S
+ 144116	63V, 0603 Kondensator SMD 220pF	1040		2,000	S
+ 144121	63V, 0603, NPO Kondensator SMD 15pF	1050		1,000	S
+ 144127	63V, 0603, NPO Widerstand SMD 47kOhm	1060		2,000	S
+ 144128	ñ1%, 0,063W, 0603 Widerstand SMD 33kOhm	1070		1,000	S
+ 144183	ñ1%, 0,063W, 0603 Low Drop Regulator 5V/00	1080		1,000	S
+ 144184	MIC5203-5V, 80mA, Micrel Low Drop Regulator 5V/00	1090		1,000	S
+ 144185	MIC5205-5V, 150mA, Micrel Variabel Attenuator	1100		1,000	S
+ 144378	AT108,40dB,0-5V,S08 MACOM Bipolarer Verst•rker	1110		1,000	S
+ 144379	Typ:ERA-1-SM-TR Bipolarer Verst•rker	1120		1,000	S
+ 144735	Typ:ERA-2-SM-TR Kondensator SMD 22,0pF	1130		1,000	S

Artikelnummer	Artikelbezeichnung	Pos.	Bemerkung	Anzahl	ME
+ 144736	ñ5%, 50V, 0603, NPO Kondensator SMD 33,0pF	1140		2,000	S
+ 144768	ñ5%, 50V, 0603, NPO Widerstand SMD 6,80hm	1150		1,000	S
+ 144772	ñ1%, 0,063W, 0603 Widerstand SMD 27,00hm	1160		1,000	S
+ 144778	ñ1%, 0,063W, 0603 Widerstand SMD 150,00hm	1170		1,000	S
+ 144779	ñ1%, 0,063W, 0603 Widerstand SMD 330,00hm	1180		1,000	S
+ 144780	ñ1%, 0,063W, 0603 Widerstand SMD 390,00hm	1190		4,000	S
+ 144781	ñ1%, 0,063W, 0603 Widerstand SMD 680,00hm	1200		1,000	S
+ 144784	ñ1%, 0,063W, 0603 Widerstand SMD 3,9k0hm	1210		1,000	S
+ 144785	ñ1%, 0,063W, 0603 Widerstand SMD 4,7k0hm	1220		5,000	S
+ 144798	ñ1%, 0,063W, 0603 Widerstand SMD 330,0k0hm	1230		1,000	S
+ 144821	ñ1%, 0,063W, 0603 PLL Synthesizer LMX 2325 National, TSSOP20	1240		1,000	S
+ 145121	ENH-MOSFET-P, SOT23 Typ:BSS 84	1250		1,000	S
+ 145217	IC TLC272CD S08 2-fach Operationsverst.	1260		1,000	S
+ 145224	Bipolarer Verstärker Typ:ERA-3SM	1270		3,000	S
+ 145821	Widerstand Poti SMD 20,0K0HM ñ20%	1280		2,000	S
+ 145822	Widerstand Poti SMD 5,0K0HM ñ20%	1290		1,000	S
+ 146089	Kondensator SMD 2,7pF ñ0,25pF, 0603, NPO	1300		1,000	S
+ 146147	Kondensator SMD 3,3nF ñ10%, 50V, 0603	1310		2,000	S
+ 146152	Kondensator SMD 5,6pF 50V, 0603	1320		30,000	S
+ 146693	Low Drop Regulator 3,3V MIC5205-3,3BM5, 150mA,SMD	1330		1,000	S
+ 147180	IC SMD AD8307AR DC-500MHz Log-Amp.	1340		1,000	S
+ 147205	PTC-Temperatursensor SMD KTY-13-6 -500C bis +1500C	1350		1,000	S
+ 148029	Kondensator SMD 8,2pF 50V, 0603	1360		1,000	S
+ 148037	Spule SMD 82,0nH, ñ5% 0805 verg., Keramik-Kern	1370		1,000	S
+ 148251	Doppel PIN-Diode HSMP3892 SOT-23	1380		1,000	S
+ 148415	Spule SMD 22,0nH, ñ5% 0805 Accu-L 23,5/3300,9GH	1390		2,000	S
+ 148422	NPN Silicon RF-Transistor BFP420 SOT343-Marking AMs	1400		1,000	S
+ 148513	Low Drop Regulator SMD	1410		1,000	S

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Artikelnummer	Artikelbezeichnung	Pos. Bemerkung	Anzahl ME
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	MIC29152BU 1,5A TO-263		
+ 148516	Widerstand Poti SMD	1420	1,000 S
	50,00HM ñ20% 0,25W		
+ 148621	Kondensator 10,0µF 20V	1430	1,000 S
	Baugröße C Elko-Tantal		
+ 148805	Kondensator SMD 220,0nF	1440	1,000 S
	ñ10%, 25V, 1206		
+ 148838	Widerstand SMD 43,00hm	1450	1,000 S
	ñ1%, 0,063W, 0603		
+ 149249	Platine best. 1377.1	1460	1,000 S
	WSt: FR4 1,0mm 35µm Cu		
	P1377B0B		
+ 149715	Widerstand SMD 75,00hm	1470	1,000 S
	ñ1%, 0,063W, 0603		
+ 67041	Kontaktstreifen Form Y	1480	0,040 M
	Oberfläche: verzinkt		
+ 142979	Buchsenleiste, 4-polig	1490	4,000 S
	einreihig		
+ 142980	Buchsenleiste, 5-polig	1500	4,000 S
	einreihig		
	** Gesamtsumme Teile **		419,040