



Appendix

INTERFACE DESCRIPTION

CIRCUIT DIAGRAMS

PARTS LISTS

COMPONENTS LAYOUTS

VHF RX UNIT • EU 231

Repair Manual • Interface Description

FCC ID: KVV60431942

Interfaces on VHF Rx Unit EU 231

Contact	Signal Name Description	Direction	Type	Range of Value	Remarks
X1	Test Connector				
X1.1	TEST OSC1	output	digital	> 3.5 V = Go < 1 V = NoGo	
X1.2	TEST OSC2	output	digital	> 3.5 V = Go < 1 V = NoGo	
X1.3	TEST IF	output	digital	> 3.5 V = Go < 1 V = NoGo	
X1.4	TEST SYNTH	output	digital	> 3.5 V = Go < 1 V = NoGo	
X1.5	CBIT-RX-1	output	digital	> 3.5 V = Go < 1 V = NoGo	
X1.6	TEST +12 V	output	digital	> 3.5 V = Go < 1 V = NoGo	
X1.7	TEST +5 V	output	digital	> 3.5 V = Go < 1 V = NoGo	
X1.8	TEST -5 V	output	digital	> 3.5 V = Go < 1 V = NoGo	
X1.9	TEST REM CONT	output	digital	> 3.5 V = Go < 1 V = NoGo	Without option Inband Interface: Go
X1.10	Ground	bidirectional	power		
X2	78-way Connector				
X2.2	RF input	input	analog	50 Ω max. 10 V _{EMF} (< 30 MHz) max. 5 V _{EMF} ($\geq$ 30 MHz) oscillator reradiation: $\leq$ -90 dBm Frequency range: 118 to 144 MHz	

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Contact	Signal Name Description	Direction	Type	Range of Value	Remarks
X2.9B	AF-8-GND	output	analog	0 V	Sum test
X2.9C	CBIT-RX-1	output	digital	> 3.5 V = Go (1 kΩ pull-up) < 0.5 V = NoGo	
X2.10A	DC LED	input	analog	5 VDC, LED = ON	
X2.10B	AF-RX-A (AF 600 Ω)	output	analog	+ 7 dBm ± 1.5 dB adjustable -12 to 0 dB	
X2.10C	CBIT-RX-2	input	digital	>3.5 V = Go < 1 V = NoGo	
X2.11A	AC LED	input	analog	5 VDC, LED = ON	
X2.11B	AF-RX-B AF 600 Ω (GND)	output	analog	0 V (GND)	
X2.11C	*SQUELCH	output	digital	> 3.5 V = no signal < 1 V = signal	
X2.12A	GND	bidirec- tional	power	0 V	
X2.12B	AF-RX-M phantom line	output	analog	0 V / + 12 V / open	
X2.12C	AGC-BIT-11	output	digital	HCMOS AGC BIT RF level 01 11 0.2 μV 0 0 3 μV 1 0 30 μV 0 1 300 μV 1 1 RF level TTY BIT 0.2 μV 0 0 3 μV 1 0 30 μV 0 1 300 μV 1 1	
X2.13A	*OFF / ON	output	digital	< 1 V = OFF > 3.5 V = ON (100 kΩ pull-up)	
X2.13B	*OFF-1	input	digital	< V = OFF > 3.5 V = ON (100 kΩ pull-up)	

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Contact	Name Signal Description	Direction	Type	Range of Value	Remarks
X2.16C	AF-RX	output	analog	AF signal, approx. 100 mV _{rms}	AF without control tones
X2.17A	*SQ-ON	input	digital	< 1 V = squelch in operation > 3.5 V = squelch not in operation	
X2.17B	*PTT	input	digital	< 1 V = PTT > 3.5 V or OC = RX (100 kΩ pull-up)	
X2.17C	SDAO	input	digital	HCMOS	REM Bus
X2.18A	Not used				
X2.18B	AF-TX-A AF 600 Ω	input	analog	60 mV ± 10 mV + control tones	With option Inband Interface AF + control tones
X2.18C	SEL 0	input	digital	HCMOS	REM Bus
X2.19A	Not used				
X2.19B	AF-TX-B AF 600 Ω (GND)	input	analog	0 V (GND)	With option Inband Interface
X2.19C	SEL 1	input	digital	HCMOS	REM Bus
X2.20A	Not used				
X2.20B	AF-TX-C AF 600 Ω	output	analog	60 mV ± 20 mV	With option Inband Interface without control tones
X2.20C	SCL	input	digital	HCMOS	REM Bus
X2.21A	Not used				
X2.21B	AF-TX-D AF 600 Ω (GND)	output	analog	0 V (GND)	With option Inband Interface for TX
X2.21C	*SDAI	output	digital	HCMOS	REM Bus
X2.22A	Not used				

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Contact	Signal Name Description	Direction	Type	Range of Value	Remarks
X2.27C	AGC-INHI-2	input	digital	HCMOS + 182 k Ω pull-up	
X2.28A	Not used				
X2.28B	Not used				
X2.28C	GND	bidirectional	power	0 V	
X2.29A	Not used				With option Inband Interface message from TX
X2.29B	CARRIER-2	input	digital	HCMOS high = carrier	
X2.29C	Not used				
X2.31	IF output 10.7 MHz	output	analog	70 mV _{rms} $\pm$ 3 dB into 50 Ω	Only for option direction-finder
X69	48-way connector option "Inband Interface"				
X69.1A	VSWR-2	output	digital	> 3.5 V VSWR > 3 < 1 V VSWR < 3	User function of TX STBY
X69.1B	TEMP-2	output	digital	> 3.5 V = overtemperature < 1 V = TEMP in order	
X69.1C	USER-DEF-3	output	digital	> 3.5 V = user function < 1 V = without function	
X69.2A	CBIT-RX-2	output	digital	> 3.5 V = Go < 1 V = NoGo	
X69.2B	*REMOTE-2	output	digital	> 3.5 V = local < 1 V = remote	
X69.2C	CBIT-TX-2	output	digital	HCMOS high = Go low = NoGo	

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Contact	Name	Signal Description	Direction	Type	Range of Value	Remarks
X69.9A	AF5		output	analog	80 to 120 mV (m = 60 %, 1 kHz)	From RX to inband
X69.9B	*IBIT-A		input	digital	3.5 V = no test < 1 V = IBIT	Initialized built-in test
X69.9C	CARRIER-1		output	digital	> 3.5 V = power > 1/4 P _N < 1 V = < 1/4 P _N	
X69.10A	*PTT		output	digital	HCMOS < 1 V = PTT > 3.5 V = RX	Line from TX
X69.10B	Not used					
X69.10C	VSWR-1		output	digital	> 3.5 V VSWR > 3 < 1 V VSWR < 3	
X69.11A	TEST RX1		output	digital	> 3.5 V = Go < 1 V = NoGo	
X69.11B	AGC-BIT-01		output	digital	HCMOS	
X69.11C	TEMP-1		output	digital	> 3.5 V = overtemperature < 1 V = TEMP in order	
X69.12A	*OFF / ON - 1 INB		input	digital	HCMOS + 100 kΩ pull-up	
X69.12B	*ON-LINE		output	digital	HCMOS + D + 182 kΩ pull-up	
X69.12C	USER-DEF-1		output	digital	> 3.5 V = user function < 1 V = without function	
X69.13A	OFF / ON - 2 INB		input	digital	HCMOS + 100 kΩ pull-up	User function of TX for inband evaluation
X69.13B	ON-TX		output	digital	HCMOS high = MAIN-1 high = STBY-2 low = STBY-1 low = MAIN-2	

Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
	XX VARIANTENERKLAERUNG IDENTIFICATION OF MODELS VAR02=FUER 8.33KHZ MOD02=FOR 8.33KHZ VAR03=FUER 25KHZ MOD03=FOR 25KHZ XX VARIANTENERKLAERUNG IDENTIFICATION OF MODELS VAR 02 = GRUNDAUSFUEHRUNG MOD 02 = BASIC MODEL VAR 03 = SOFTWARE VERSION 02.01 MOD 03 = SOFTWARE VERSION 02.01			FCC ID: KVV60431942	6043.2426.01
A11	ED FILTER BOARD FILTER BOARD	6043.2249.02			
B2	EP 10,7MHZBANDP.MON.B:15K 10,7MHZBANDPASS.MONOLITH.	0343.0234.00	KVG	XF-101	
B3	EP 10,7MHZ-BANDP B7K6/6DB BANDPASSFILTER	6043.2384.00	KVG	EP 6043.2384	
B3	NUR VAR/ONLY MOD: 02 EP 10,7MHZ-BANDP B3=15KHZ CRYSTAL BANDPASS	6024.3650.00	TELEFILTER	EP 6024.3650	
B4	NUR VAR/ONLY MOD: 03 EL LAUTSPRECHER 0,32 250HM LOUDSPEAKER	0840.6336.00	PHILIPS_CO	WD 01621 Y 25	
B5	EO 12,000MHZ-QU.OSZ. 5V OSCILLATOR 12,000 MHZ	EO 0053.7997.00	PHILIPS_CO	XO 5860W(5850)	
C1	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C2	CE 10UF +-10% 25V 7343 TANTALUM SMD-CAPACITOR	CE 0007.7246.00	SPRAGUE	293D 106 X9 025 D2W	
C3	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C4	CC 1UF+-10% 50V X7R 2220 CERAMIC CAPACITOR	CC 0520.6873.00	AVX	2220 5C 105 KAT**A(F	
C5	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C6	CC 22NF+-10%50VX7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8467.00	AVX	1206 5 C 223 KA 3	
C8	CC 220NF+-10%50V X7R 1210 CERAMIC CAPACITOR CHIP	CC 0520.6850.00	AVX	1210 5C 224KA 11A	
C9	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C10	CC 56NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5208.00	AVX	1206 5 C 563 KA 3	
C11	CC 56NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5208.00	AVX	1206 5 C 563 KA 3	
C12	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C14	CE 2,2UF +-10% 25V 6032 TANTALUM SMD-CAPACITOR	CE 0007.7223.00	SPRAGUE	293D 225 X9 025 C2W	
C15	CC 22NF+-10%50VX7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8467.00	AVX	1206 5 C 223 KA 3	
C16	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C18	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C19	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C20	CE 10UF +-10% 25V 7343 TANTALUM SMD-CAPACITOR	CE 0007.7246.00	SPRAGUE	293D 106 X9 025 D2W	
C21	CC 100PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8415.00	MURATA	GRM42-6CDG 101F 50PT	
C22	CC 470PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8515.00	AVX	1206 5 A 471 F 3	
C23	CC 390PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8880.00	AVX	1206 5 A 391 F 3	
C24	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C25	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C26	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C27					

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 ROHDE & SCHWARZ	21	23.11.98		ED EMPFANGSPLATTE		6043.2449.01 SA	1+

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Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
C72	CT 5P-20P 4,5X4 RT SMD CERAMIC CHIP TRIMMER	CT 0008.1212.00	PANASONIC	ECR-JAO20E12	
C73	CT 5P-20P 4,5X4 RT SMD CERAMIC CHIP TRIMMER	CT 0008.1212.00	PANASONIC	ECR-JAO20E12	
C74	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C75	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C76	CC 150PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8509.00	MURATA	GRM42-6C0G 151F 50PT	
C77	CE 22 UF+-20%16V 7X 5X11 ELECTROLYTIC CAPACITOR	CE 0022.8091.00	KEMET	T340 C226M016 AS	
C78	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C79	CC 220PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8850.00	MURATA	GRM42-6C0G 221F 50PT	
C80	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C81	CT 9PF 250V LUFTR.KONZ. AIR TRIMMER	CT 0564.6885.00	TEKELEC	AT 5276	
..83					
C84	CC 3,9NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.3234.00	AVX	1206 5 C 392 KA 3	
C85	CC 3,9NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.3234.00	AVX	1206 5 C 392 KA 3	
C86	CC 1,8NF+-1% 50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0007.7423.00	AVX	1206 5A 182 F 3	
C87	CE 4,7UF+-10% 10V 3528 TANTALUM SMD-CAPACITOR	CE 0007.7275.00	SPRAGUE	293D 475 X9 010 B2T	
C88	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C89	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C90	CC 330PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8873.00	AVX	1206 5A 331 F 3	
C91	CT 9PF 250V LUFTR.KONZ. AIR TRIMMER	CT 0564.6885.00	TEKELEC	AT 5276	
..93					
C94	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C95	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C96	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C97	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C98	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C99	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C100	CE 4,7UF+-10% 10V 3528 TANTALUM SMD-CAPACITOR	CE 0007.7275.00	SPRAGUE	293D 475 X9 010 B2T	
C101	CC 100PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8415.00	MURATA	GRM42-6C0G 101F 50PT	
C102	CE 4,7UF+-10% 10V 3528 TANTALUM SMD-CAPACITOR	CE 0007.7275.00	SPRAGUE	293D 475 X9 010 B2T	
C103	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C104	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C106	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C107	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C108	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C109	CE 10UF+-20%50V RM2,5 ELECTROLYTIC CAPACITOR	CE 0008.7427.00	PHILIPS_CO	2222 116 11109	
C110	CE 33 UF+-20%10V 7X 5X11 ELECTROLYTIC CAPACITOR	CE 0087.0343.00	KEMET	T340 C336M010 AS	
C111	CC 220NF+-10%50V X7R 1210 CERAMIC CAPACITOR CHIP	CC 0520.6850.00	AVX	1210 5C 224KA 11A	
C112	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
..115					
C116	CE 10UF +-10% 10V 6032 TANTALUM SMD-CAPACITOR	CE 0007.7281.00	SPRAGUE	293D-106X9 016 C2W	
C117	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C118	CE 10UF +-10% 25V 7343 TANTALUM SMD-CAPACITOR	CE 0007.7246.00	SPRAGUE	293D 106 X9 025 D2W	

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	21	23.11.98	ED EMPFANGSPLATTE	6043.2449.01 SA	3+	

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Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthaltene in contained in
C176	CE 4,7UF +-10% 25V 7343 TANTALUM SMD-CAPACITOR	CE 0007.7230.00	SPRAGUE	293D475X9035D2W	
C180	CC 1NF+-1% 50V NPO 1206	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
..182	SMD CERAMIC CAPACITOR				
C183	CC 150PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8509.00	MURATA	GRM42-6COG 151F 50PT	
C184	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C185	CC 1UF+-10%50V7K1200VIEL CAPACITOR	0084.5538.00	UNION_CARB	CK 06 BX 105K	
C186	NICHT BESTUECKT/NOT FITTED CC 10PF+-0,25 50VNPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8480.00	MURATA	GRM42-6COG 100 C50PT	
C187	CC 1NF+-1% 50V NPO 1206	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
..189	SMD CERAMIC CAPACITOR				
C190	CE 10UF +-10% 10V 6032 TANTALUM SMD-CAPACITOR	CE 0007.7281.00	SPRAGUE	293D-106X9 016 C2W	
C191	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C192	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C193	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C194	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C195	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
..199	SMD CERAMIC CAPACITOR				
C202	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C203	CE 4,7UF+-10% 10V 3528 TANTALUM SMD-CAPACITOR	CE 0007.7275.00	SPRAGUE	293D 475 X9 010 B2T	
C204	CE 100UF+-20%25V RM2.5 ELECTROLYTIC CAPACITOR	CE 0008.7891.00	PANASONIC	ECA-1EFG101I	
C205	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C206	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C210	CC 12PF+-1% 50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8744.00	MURATA	GRM42-6COG 120 F50PT	
C211	CC 18PF+-1% 50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8767.00	MURATA	GRM42-6COG 180F 50PT	
C212	CC 18PF+-1% 50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8767.00	MURATA	GRM42-6COG 180F 50PT	
C213	CC 180PF+-1%50V NPO 1206 CHIP CAPACITOR	CC 0099.8844.00	MURATA	GRM42-6COG 181F 50PT	
C214	CE 10UF +-10% 10V 6032 TANTALUM SMD-CAPACITOR	CE 0007.7281.00	SPRAGUE	293D-106X9 016 C2W	
C215	CE 4,7UF+-10% 10V 3528 TANTALUM SMD-CAPACITOR	CE 0007.7275.00	SPRAGUE	293D 475 X9 010 B2T	
C216	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C220	CE 1UF +-10% 10V 1206 TANTALUM-SMD-CAPACITOR	CE 0007.7252.00	SPRAGUE	293D 105 X9 010 D2T	
C230	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C231	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C240	CE 4,7UF+-10% 10V 3528 TANTALUM SMD-CAPACITOR	CE 0007.7275.00	SPRAGUE	293D 475 X9 010 B2T	
C242	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C243	CE 47UF+-20%50V RM2,5 ELECTROLYTIC CAPACITOR	CE 0008.7479.00	PANASONIC	ECA-1HFG470I	
C250	CC 10PF+-0,25 50VNPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8480.00	MURATA	GRM42-6COG 100 C50PT	
C300	CE 47UF+-20%63V RM5 ELECTROLYTIC CAPACITOR	0008.7440.00	PHILIPS_CO	2222 116 90112	
C316	CE 2,2UF +-10% 25V 6032 TANTALUM SMD-CAPACITOR	CE 0007.7223.00	SPRAGUE	293D 225 X9 025 C2W	
C320	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C519	CC 330PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8873.00	AVX	1206 5A 331 F 3	
C530	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C531	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	

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 ROHDE & SCHWARZ	21	23.11.98	ED EMPFANGSPLATTE RECEIVER BOARD	6043.2449.01 SA	5+	

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Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
L14	LD DROSSEL CHOKE	6043.2210.00			
L15	LD DROSSEL CHOKE	6043.2210.00			
L16	LD DROSSEL CHOKE	6043.2210.00			
L17	LD DROSSEL CHOKE	6043.2210.00			
L18	LD DROSSEL CHOKE	6043.2210.00			
L19	LD DROSSEL CHOKE	6043.2210.00			
L20	LD SPULE COIL	0746.1387.00			
L21	LD SPULE COIL	0746.1387.00			
L22	LD SPULE COIL	6043.2010.00			
L23	LD 2,2UH10%OR2 0,05A1206 SMD MULTILAYER INDUCTOR	0379.6578.00	TOKO	MLF 3216 A 2R2 KL	
L24	LD 100NH 10% 0,44A 1210 SMD-INDUCTOR	LD 0007.9249.00	SIEMENS	B82422-A3101-J(K)100	
L25	LD SP.DROSSEL 400UH 1,6A LOADING COIL	2020.3114.00	VACUUMSCHM	T60405-A4190-X099-XX	
L26	LD 0,15UH10%, 100HM1,230A CHOKE	LD 0067.2763.00	DALE	IM2	
L27	LD 100UH 20% 1A 0,6500HM CHOKE	LD 0155.9446.00	SIEMENS	B82111-E-C25	
L28	LD 1UH 10%OR45 0,1A1206 SMD MULTILAYER INDUCTOR	0007.4824.00	TOKO	MLF 3216 A 1R0 KL	
L31	LD 1UH 10% 0,38A 1210 SMD-INDUCTOR	LD 6006.0130.00	SIEMENS	B82422-A1102-J(K)100	
L40	LD 47NH 10% 0,51A 1210 SMD-INDUCTOR	0008.5976.00	SIEMENS	B82422-A3470-J(K)100	
N1	BO OP07CS8 OPAMP OPERATIONAL AMPLIFIER	0007.7781.00	LINEAR_TEC	LT1001(CS8)	
N2	BO OP07CS8 OPAMP OPERATIONAL AMPLIFIER	0007.7781.00	LINEAR_TEC	LT1001(CS8)	
N3	BO LM224D 4XLP OPAMP OPERATIONAL AMPLIFIER	0007.7852.00	SIGNETICS	LM224D	
N4	BM MAR6-SM DC-2.0G MMIC MICROWAVE MONOLITIC CIRC	6024.3666.00	MINI-CIRCU	MAR-6-SM	
N5	BO SL6700C IF AMPL IF AMPL AND AM DETECTOR	0691.0427.60	PLESSEY	SL6700CDP	
N6	BO SA1458D 2X OPAMP OPERATIONAL AMPLIFIER	0520.7492.00	SIGNETICS	SA 1458(D)	
N7	BO SA1458D 2X OPAMP OPERATIONAL AMPLIFIER	0520.7492.00	SIGNETICS	SA 1458(D)	
N8	BO TL074IN LN 4XFET OPAMP OPERATIONAL AMPLIFIER	0568.7528.00	TEXAS	TL074IN	
N9	BO LM2901D 4X COMPAR COMPARATOR	0007.7875.00	SIGNETICS	LM 2901D	
N10	BL SA701D 65/129MAX PRESC IC PRESCALER	6043.2078.00	PHILIPS_SE	SA701(D)	
N11	BO LM224D 4XLP OPAMP OPERATIONAL AMPLIFIER	0007.7852.00	SIGNETICS	LM224D	
N12	BO TAE2453G 2XOC OPAMP DUAL OPERATIONALAMPLIFIER	0709.0145.00	SIEMENS	TAE2453G	
N13	BO LM224D 4XLP OPAMP OPERATIONAL AMPLIFIER	0007.7852.00	SIGNETICS	LM224D	
N14	BO LM224D 4XLP OPAMP OPERATIONAL AMPLIFIER	0007.7852.00	SIGNETICS	LM224D	
N15	BO SE5534AFE LN OPAMP OPERATIONAL AMPLIFIER	BO 0301.3335.00	SIGNETICS	SE5534AFE	
N17	BS DG411DY 4X ANALOGSCH ANALOG SWITCH	0920.1723.00	SILICONIX	DG411DY	
N18	BO TDA1576 DEMOD IFAMPL DEMODULATOR IF AMPLIFIER	0621.3285.00	VALVO	TDA 1576	
N19	BO LM2901D 4X COMPAR COMPARATOR	0007.7875.00	SIGNETICS	LM 2901D	
N20	BO L200CV +ADJ2AO VREGL VOLTAGE REGULATOR	0336.7643.00	SGS-THOMSO	L200C(V)	
N21	BV LM2575TADJ 1AO SCHREGL STEP-DOWN SWITCH REGULAT	2020.3320.00	NSC	LM2575T-ADJ	
N22	BO LM224D 4XLP OPAMP OPERATIONAL AMPLIFIER	0007.7852.00	SIGNETICS	LM224D	

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 ROHDE & SCHWARZ	21	23.11.98		ED EMPFANGSPLATTE RECEIVER BOARD	6043.2449.01 SA	7+	

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Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
R47	RG 16,2 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8690.00	PHILIPS_CO	RC02	
R48	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R49	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	
R50	RL 0,60W 2,21KOHM+-1%TK50 RESISTOR	RL 0082.2477.00	RESISTA	MK2	
R51	RL 0,60W 4,42KOHM+-1%TK50 RESISTOR	RL 0083.1074.00	RESISTA	MK2	
R52	RL 0,60W 475 OHM+-1%TK50 RESISTOR	RL 0083.0390.00	RESISTA	MK2	
R80	RG 56,2 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8826.00	PHILIPS_CO	RC02	
R81	RG 5,62KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.0735.00	PHILIPS_CO	RC02	
R82	RG 24,3KOHM+-1%TK100 1206 RESISTOR CHIP TRIMMWERT/SELECTED	RG 0007.5889.00	PHILIPS_CO	RC02	
R83	RG 3,32KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5789.00	PHILIPS_CO	RC02	
R84	RG 432 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5689.00	PHILIPS_CO	RC02	
R85	RG 432 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5689.00	PHILIPS_CO	RC02	
R86	RG 100 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8884.00	PHILIPS_CO	RC02	
R87	RG 6,81OHM+-1%TK100 1206 CHIP-RESISTOR	RG 0007.8465.00	PHILIPS	RC 02	
R88	RG 681 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.9080.00	PHILIPS_CO	RC02	
R89	RG 681 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.9080.00	PHILIPS_CO	RC02	
R90	RG 2,21KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5743.00	PHILIPS_CO	RC02	
R91	RG 221 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5614.00	PHILIPS_CO	RC02	
R92	RG 2,74KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5766.00	PHILIPS_CO	RC02	
R93	RG 51,1 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8810.00	PHILIPS_CO	RC02	
R94	RG 2,21KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5743.00	PHILIPS_CO	RC02	
R95	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R96	RG 1,5MOHM+-5%TK200 1206 CHIP RESISTOR	0007.9955.00	PHILIPS_CO	RC 01	
R97	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R98	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	
R99	RG 150 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5972.00	PHILIPS_CO	RC02	
R100	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R101	RG 33,2KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5914.00	PHILIPS_CO	RC02	
R102	RG 56,2KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.1883.00	PHILIPS_CO	RC02	
R103	RG 9,09KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.0787.00	PHILIPS_CO	RC02	
R104	RG 10,0 OHM+-1%TK100 1206 CHIP -RESISTOR	RG 0006.8649.00	PHILIPS_CO	RC02	
R105	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	
R106	RG 7,5KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0764.00	PHILIPS_CO	RC02	
R107	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	
R108	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R109	RG 182 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5595.00	PHILIPS_CO	RC02	
R110	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	
R111	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	

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				21	23.11.98	ED EMPFANGSPLETTE	6043.2449.01 SA 9+

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Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
R177	RG 24,3KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5889.00	PHILIPS_CO	RC02	
R178	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R179	RG 3,32KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5789.00	PHILIPS_CO	RC02	
R180	RG 1,0MOHM+-1%TK100 1206 CHIP RESISTOR	RG 0815.7532.00	PHILIPS_CO	RC 02	
R181	RG 182 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5989.00	PHILIPS_CO	RC02	
R182	RG 15,0 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5450.00	PHILIPS_CO	RC02	
R183	RG 3,32KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5789.00	PHILIPS_CO	RC02	
R184	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R185	RG 33,2KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5914.00	PHILIPS_CO	RC02	
R186	RG 22,1KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5872.00	PHILIPS_CO	RC02	
R187	RG 221 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5614.00	PHILIPS_CO	RC02	
R188	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R189	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R190	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R191	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R192	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R193	RS 0,25W200 OHM+-20% SMD POTENTIOMETER	RS 0007.9590.00	BI_TECHNOL	23 B R... TR	
R194	RG 39,2KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5937.00	PHILIPS_CO	RC02	
R195	RG 2,2MOHM+-5%TK200 1206 CHIP RESISTOR	0007.9978.00	PHILIPS_CO	RC 01	
R196	RG 47,5KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5950.00	PHILIPS_CO	RC02	
R197	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR NICHT BESTUECKT NOT FITTED	RG 0007.1948.00	PHILIPS_CO	RC02	
R200	RG 1,5 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5714.00	PHILIPS_CO	RC02	
R215	RG 33,2KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5914.00	PHILIPS_CO	RC02	
R225	RG 475 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5695.00	PHILIPS_CO	RC02	
R226	RG 475 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5695.00	PHILIPS_CO	RC02	
R227	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	
R228	RG 3,32KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5789.00	PHILIPS_CO	RC02	
R229	RG 22,1KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5872.00	PHILIPS_CO	RC02	
R230	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R231	RS 0,3W 10KOHM+-10% CERMET TRIMMING POTENTIOMETER	RS 0006.9145.00	BI_TECHNOL	67W	
R232	RG 5,62KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.0735.00	PHILIPS_CO	RC02	
R233	RG 3,32OHM+-1%TK100 1206 CHIP-RESISTOR	RG 0007.8388.00	PHILIPS	RC 02	
R234	RG 221 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.6004.00	PHILIPS_CO	RC02	
R235	RS 0,3W100KOHM+-10% CERMET CERMET POTENTIOMETER	RS 0086.7973.00	BI_TECHNOL	66X ODER 67X	
R236	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R237	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R238	RG 10,0 OHM+-1%TK100 1206 CHIP -RESISTOR	RG 0006.8649.00	PHILIPS_CO	RC02	
R239	RG 562 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.9068.00	PHILIPS_CO	RC02	

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Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
R311	RS 1W 100 OHM LIN DEPOS.-CARBON POTENTIOMET	RS 0030.6888.00	DRALORIC	61 C	
R312	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R316	RG 3,320HM+-1%TK100 1206 CHIP-RESISTOR	RG 0007.8388.00	PHILIPS	RC 02	
R317	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R320	RG 221 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5614.00	PHILIPS_CO	RC02	
R333	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	
R334	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R335	RG 39,2KOHM+-1%TK100 1206 RESISTOR CHIP NICHT BESTUECKT NOT FITTED	RG 0007.5937.00	PHILIPS_CO	RC02	
R336	RS 0,25W 1KOHM +-20% SMD RG POTENTIOMETER	RS 0007.9610.00	BI_TECHNOL	23 B R... TR	
R337	RG 75,0KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.1919.00	PHILIPS_CO	RC02	
R338	RS 0,25W100KOHM+-20% SMD POTENTIOMETER	RS 0007.9678.00	BI_TECHNOL	23 B R... TR	
R339	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR NICHT BESTUECKT NOT FITTED	RG 0006.7271.00	PHILIPS_CO	RC02	
R340	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R341	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	
R342	RG 5,62KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.0735.00	PHILIPS_CO	RC02	
R343	RG 10,0 OHM+-1%TK100 1206 CHIP -RESISTOR	RG 0006.8649.00	PHILIPS_CO	RC02	
R344	RG 56,2KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.1883.00	PHILIPS_CO	RC02	
R345	RS 0,3W 10KOHM+-10% CERMET TRIMMING POTENTIOMETER	RS 0006.9145.00	BI_TECHNOL	67W	
R346	RG 47,5KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5950.00	PHILIPS_CO	RC02	
R347	RG 1,0OHM+-1%TK100 1206 CHIP RESISTOR	RG 0815.7532.00	PHILIPS_CO	RC 02	
R348	RG 332 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.6033.00	ROEDERSTEI	D25	
R349	RG 22,1KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5872.00	PHILIPS_CO	RC02	
R350	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R351	RG 22,1KOHM+-1%TK100 1206 RESISTOR CHIP NICHT BESTUECKT/NOT FITTED	RG 0007.5872.00	PHILIPS_CO	RC02	
R352	RG 100 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8884.00	PHILIPS_CO	RC02	
R353	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R354	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R355	RG 18,2KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5850.00	PHILIPS_CO	RC02	
R356	RG 2,21KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5743.00	PHILIPS_CO	RC02	
R357	RG 10,0 OHM+-1%TK100 1206 CHIP -RESISTOR	RG 0006.8649.00	PHILIPS_CO	RC02	
R358	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	
R359	RG 3,32KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5789.00	PHILIPS_CO	RC02	
R360	RG 22,1KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5872.00	PHILIPS_CO	RC02	
R361	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R362	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R363	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
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Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
R525	RG 475 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5695.00	PHILIPS_CO	RC02	
R526	RG 475 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5695.00	PHILIPS_CO	RC02	
R528	RG 2,21KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5743.00	PHILIPS_CO	RC02	
R529	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R530	RG 16,2 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8690.00	PHILIPS_CO	RC02	
R548	RG 2,74KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5766.00	PHILIPS_CO	RC02	
R560	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R561	RG 12,1KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.0841.00	PHILIPS_CO	RC02	
R562	RS 0,3W 50KOHM+-10% CERMET TRIMMING POTENTIOMETER	RS 0006.6700.00	BI_TECHNOL	67 W	
R563	RG 100 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8884.00	PHILIPS_CO	RC02	
R564	RG 33,2KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5914.00	PHILIPS_CO	RC02	
R565	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R566	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R567	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R568	RG 475 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5695.00	PHILIPS_CO	RC02	
R569	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R570	RG 475 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5695.00	PHILIPS_CO	RC02	
R571	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R580	RL 0,40W 100 KOHM+-1%TK50 RESISTOR	RL 0092.1680.00	DRALORIC	SMA0204	
S1	SD CODIERSCH.HEX 0-9 F.GS CODER-SWITCH	6043.2290.00	KNITTER	DRR 3016	
S2	SD CODIERSCH.BCD 0-9 F.GS CODERSWITCH BCD	4035.1867.00	KNITTER	DRR3010	
S3	SK KIPPSCH.1POL.GEDR.SCH. TOGGLE SWITCH	0586.7478.00	KNITTER	STM 106 D (RA)	
S4	SD CODIERSCH.BCD 0-9 F.GS CODERSWITCH BCD	4035.1867.00	KNITTER	DRR3010	
S5	SK KIPPSCH.1POL.3ST.VERR. TOGGLE SWITCH	6024.3914.00	C&K	7103 K1 AQE	
S7 . .9	SD CODIERSCH.BCD 0-9 F.GS CODERSWITCH BCD	4035.1867.00	KNITTER	DRR3010	
T1	LU UEBERTRAGER TRANSFORMER	0584.6616.00			
U4	BM SRA1 MIXER 0.5GHZ MIXER	BM 0207.3465.00	MINI-CIRCU	SRA1	
U5	EO 10.000000MHZ QUA-0SZ5V CRYSTAL OSCILLATOR 10 MHZ	1036.4331.00	PHILIPS_CO	9922 515 00037	
V3	AK BCX70H N 45V 200MA TRANSISTOR	AK 0007.3105.00	VALVO	BCX 70 H	
V4	AD BAS16 75V UDI HIGH-SPEED DIODE	AD 0007.4924.00	VALVO	BAS16 (A6P)	
V5	AK BFS17 N 15V 25MA 1 GHZ WIDEBAND TRANSISTOR	AK 0010.6460.00	VALVO	BFS17	
V6	AK BFS17 N 15V 25MA 1 GHZ WIDEBAND TRANSISTOR	AK 0010.6460.00	VALVO	BFS17	
V7	AK BFQ29P N 15V 30MA TRANSISTOR	0520.7386.60	SIEMENS	BFQ29P	
V8	AE BB405B 11/ 2PF CDI TUNING DIODE	AE 0596.6839.00	PHILIPS	BB405B	
V15	AK NE21935 N 10V 80MA TRANSISTOR	AK 0263.9594.00	NEC	NE21935 INT.BEZ.	
V16	AE MA4P274-287 200V PIN PIN DIODE	0843.3238.00	MA-COM	MA4P1110	
V17	AD BAS32 75V UDI DIODE	AD 0006.7288.00	PHILIPS	BAS32 (L)	

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Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
X4	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X5	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X6	FP STIFTFLEISTE 3P.R2,54 PIN CONNECTOR	FP 0009.6101.00			
X10	FP STIFTFLEISTE 1P.R2,54 PIN CONNECTOR	FP 0009.5886.00			
X13	FT DOPPELPRUEFBUCHSE 2MM TEST JACK	0586.7455.00	MENTOR	1.813.2231	
X17	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X19	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
..22	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X24	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X25	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X26	FP STIFTFLEISTE 1P.R2,54 PIN CONNECTOR	FP 0009.5886.00			
X27	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X29	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X30	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X32	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X33	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X36	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X38	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X40	FP STIFTFLEISTE 3P.R2,54 PIN CONNECTOR	FP 0009.6101.00			
X42	FP STIFTFLEISTE 3P.R2,54 PIN CONNECTOR	FP 0009.6101.00			
X44	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X46	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X47	FP STIFTFLEISTE 3P.R2,54 PIN CONNECTOR	FP 0009.6101.00			
X49	FP STIFTFLEISTE 3P.R2,54 PIN CONNECTOR	FP 0009.6101.00			
X52	FP STIFTFLEISTE 3P.R2,54 PIN CONNECTOR	FP 0009.6101.00			
..54	FP STIFTFLEISTE 3P.R2,54 PIN CONNECTOR	FP 0009.6101.00			
X56	FP STIFTFLEISTE 3P.R2,54 PIN CONNECTOR	FP 0009.6101.00			
X58	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X59	XX BESTEHT AUS CONSISTING OF 1 GEHAEUSE 0087.8880 2 KONTAKT 0242.3580				6043.2055.00
X60	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X63	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X64	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X65	VL STECKLOETOESE 7,5X1,1 PLUG-IN SOLDERING LUG	VL 0078.2747.00	-	R&S-ZCHNG.078.2747	
X69	FP BUCHSENLEISTE 48P.KURZ CONNECTOR 48P.	FP 0008.5899.00	DEUT_ELCO	26 8457 048 004 025	
X78	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X80	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X81	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X83	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X84	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X86	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			

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Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
C98	CC 56PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8809.00	MURATA	GRM42-6COG 560F 50PT	
C100	CE 1UF +-10% 10V 1206 TANTALUM-SMD-CAPACITOR	CE 0007.7252.00	SPRAGUE	293D 105 X9 010 D2T	
C102	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C105	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C106	CC 27PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8409.00	MURATA	GRM42-6COG 270F 50PT	
C107	CC 27PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8409.00	MURATA	GRM42-6COG 270F 50PT	
C108	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C116	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C122	CC 22PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8396.00	MURATA	GRM42-6COG 220F 50PT	
C123	CC 47PF+-1%50V COG 1206 CERAMIC CHIP CAPACITOR	CC 0099.8496.00	MURATA	GRM42-6COG 470F 50PT	
C124	CE 10UF +-10% 25V 7343 TANTALUM SMD-CAPACITOR	CE 0007.7246.00	SPRAGUE	293D 106 X9 025 D2W	
C125	CE 10UF +-10% 25V 7343 TANTALUM SMD-CAPACITOR	CE 0007.7246.00	SPRAGUE	293D 106 X9 025 D2W	
C126	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C127	CC 22PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8396.00	MURATA	GRM42-6COG 220F 50PT	
C200	CC 100PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8415.00	MURATA	GRM42-6COG 101F 50PT	
C201	CC 100PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8415.00	MURATA	GRM42-6COG 101F 50PT	
N10	BO LTC1061CS 3BLOCK FILT IC SWITCHED CAP FILTER	6024.3672.00	LINEAR_TEC	LTC1061CS	
N16	BO LTC1061CS 3BLOCK FILT IC SWITCHED CAP FILTER	6024.3672.00	LINEAR_TEC	LTC1061CS	
N17	BO TLO72ACD 2XFET OPAMP OPERATIONAL AMPLIFIER	0803.1057.00	TEXAS	TL 072 ACDR	
R115	RG 56,2KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.1883.00	PHILIPS_CO	RC02	
R120	RG 15,0KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5843.00	PHILIPS_CO	RC02	
R121	RG 182 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5989.00	PHILIPS_CO	RC02	
R122	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R123	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	
R126	RG 9,09KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.0787.00	PHILIPS_CO	RC02	
R127	RG 1,21KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.9968.00	PHILIPS_CO	RC02	
R128	RG 18,2KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5850.00	PHILIPS_CO	RC02	
R129	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R130	RG 3,92KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5808.00	PHILIPS_CO	RC02	
R131	RG 182 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5989.00	PHILIPS_CO	RC02	
R132	RG 3,92KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5808.00	PHILIPS_CO	RC02	
R133	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	
R134	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R135	RG 56,2KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.1883.00	PHILIPS_CO	RC02	
R136	RG 1,82KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5720.00	PHILIPS_CO	RC02	
R137	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R138	RG 47,5KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5950.00	PHILIPS_CO	RC02	
R139	RG 33,2KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5914.00	PHILIPS_CO	RC02	

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Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
R140	RG 10,OKOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R141	RG 10,0 OHM+-1%TK100 1206 CHIP -RESISTOR	RG 0006.8649.00	PHILIPS_CO	RC02	
R149	RG 15,OKOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5843.00	PHILIPS_CO	RC02	
R170	RK KTY10-6 SI TEMP.SENSOR TEMPERATURE SENSOR	0586.9335.00	SIEMENS	Q62705-K132(KTY10-6)	
R171	RG 56,2KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.1883.00	PHILIPS_CO	RC02	
R172	RG 100,OKOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R198	RG 475 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.6079.00	PHILIPS_CO	RC02	
R199	RG 24,3KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5889.00	PHILIPS_CO	RC02	
R200	RG 332 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.6033.00	ROEDERSTEI	D25	
R201	RG 8,25KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.0770.00	PHILIPS_CO	RC02	
R202	RG 750 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.6127.00	ROEDERSTEI	D25	
R203	RG 10,OKOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R204	RG 130,OKOH+-1%TK100 1206 RESISTOR CHIP	RG 0007.5966.00	PHILIPS_CO	RC02	
R205	RG 3,01KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5772.00	PHILIPS_CO	RC02	
R206	RG 162 KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.1990.00	PHILIPS_CO	RC02	
R207	RG 16,2KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.0870.00	PHILIPS_CO	RC02	
R208	RG 274 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.4460.00	PHILIPS_CO	RC02	
R209	RG 13,OKOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5837.00	PHILIPS_CO	RC02	
R210	RG 22,1KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5872.00	PHILIPS_CO	RC02	
R211	RG 511 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.9051.00	PHILIPS_CO	RC02	
R212	RG 10,OKOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R213	RG 274 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.4460.00	PHILIPS_CO	RC02	
R214	RG 20,OKOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5866.00	PHILIPS_CO	RC02	
R216	RG 10,OKOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R217	RG 10,OKOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R218	RG 56,2KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.1883.00	PHILIPS_CO	RC02	
R219	RG 10,OKOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R220	RG 182 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5989.00	PHILIPS_CO	RC02	
R221	RG 9,09KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.0787.00	PHILIPS_CO	RC02	
R222	RG 162 KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.1990.00	PHILIPS_CO	RC02	
R223	RG 16,2KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.0870.00	PHILIPS_CO	RC02	
R224	RG 750 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.6127.00	ROEDERSTEI	D25	
R420	RG 100,OKOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R421	RG 100,OKOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
V20	AD BAS32 75V UDI DIODE	AD 0006.7288.00	PHILIPS	BAS32 (L)	
V22	AD BAS32 75V UDI DIODE	AD 0006.7288.00	PHILIPS	BAS32 (L)	
X28	VL STECKLOETOESE 7,5X1,1 PLUG-IN SOLDERING LUG	VL 0078.2747.00	-	R&S-ZCHNG.078.2747	
X34	FP STIFTL.WIN 36P.R2,54 ANGLE PIN CONNECTOR	FP 0243.3578.00	BINDER	742-5-11-0187-00-36	

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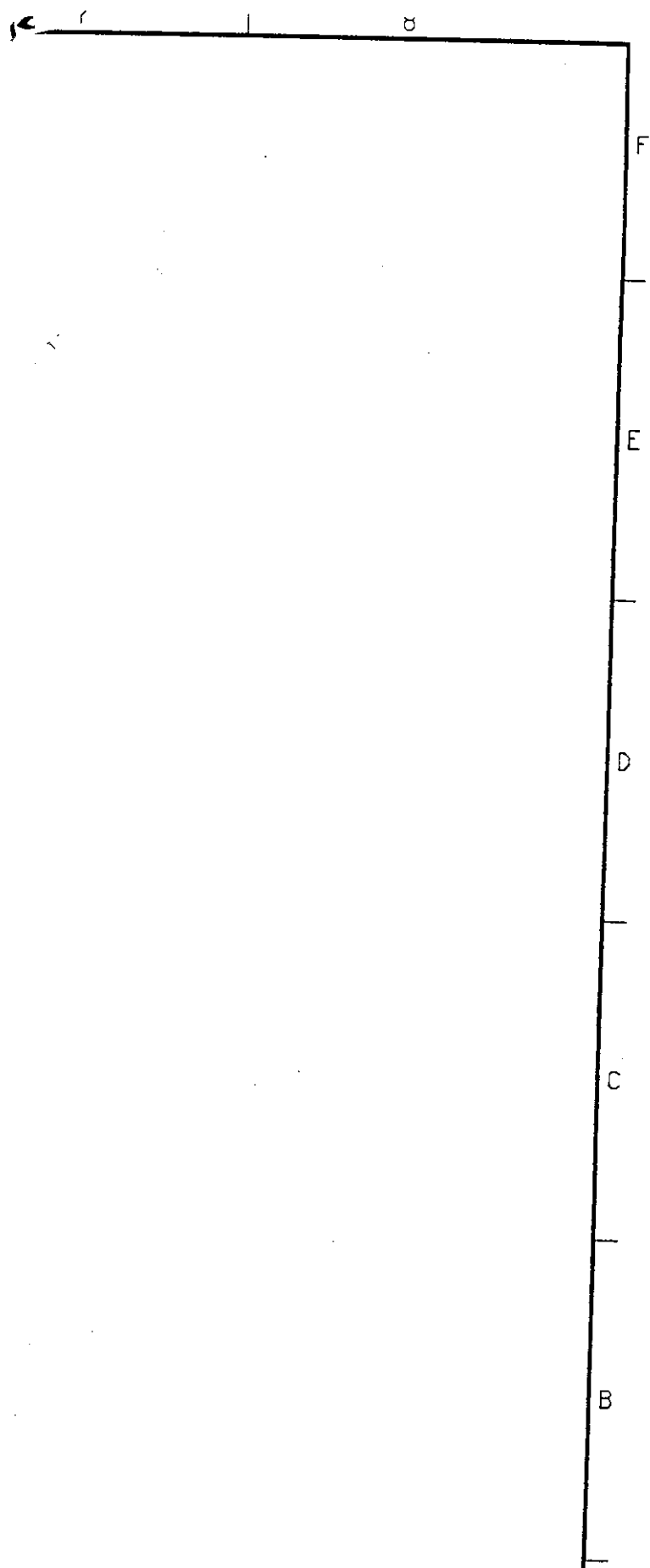
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Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
X210	2-POLIG FP BUCHSENLEISTE 16POL. SOCKET CONNECTOR	FP 0230.2249.00	BERG_ELEKT	76325-...	

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ROHDE & SCHWARZ



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Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
X87	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X89	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X90	FP STIFTFLEISTE 3P.R2,54 PIN CONNECTOR	FP 0009.6101.00			
X92	FP STIFTFLEISTE 3P.R2,54 PIN CONNECTOR	FP 0009.6101.00			
X96	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X100	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X102	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X104	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X106	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X120	XX BESTEHT AUS CONSISTING OF 16 * 071.6224				
X133	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X134	FP STIFTFLEISTE 3P.R2,54 PIN CONNECTOR	FP 0009.6101.00			
X140	FP STIFTFLEISTE 2P.R2,54 PIN CONNECTOR	FP 0009.5992.00			
X143	FP STIFTL.WIN 2P.R2,54 ANGLE PIN CONNECTOR	FP 0009.7189.00			
Z1	LD 38 DB BEI 10GHZ 1750PF LEAD-THROUGH FILTER	LD 0037.8011.00	SPECTRUM	51-707-002	
Z6	LD 38 DB BEI 10GHZ 1750PF LEAD-THROUGH FILTER	LD 0037.8011.00	SPECTRUM	51-707-002	

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Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
V19	AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
V21	DIODE AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
V23	DIODE AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
V24	DIODE AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
V25	AE BZV55/C4V7 0.5W ZDI	AE 0006.9822.00	PHILIPS	BZV55B4V7	
V27	ZENER DIODE AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
V28	DIODE AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
V29	AE 1N827 6.2V REF DI	AE 0418.0029.00	COMPENSATE	1N827(A)	
V31	REFERENCE DIODE AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
V32	DIODE AE BZV55/C4V7 0.5W ZDI	AE 0006.9822.00	PHILIPS	BZV55B4V7	
V33	ZENER DIODE AE BZV55/C6V8 0.5W ZDI	AE 0006.9868.00	PHILIPS	BZV55/B6V8	
V34	ZENER DIODE AM 2N4858A N-D 40V JFET	0092.9416.60	PHILIPS_SE	2N4858A(LV3684)	
V35	FET AE HSMS2800 SCHOTTKY	AE 0836.8421.00	HEWLETT_PA	HSMS-2800(#L31)	
V36	SCHOTTKY DIODE AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
V37	DIODE AE BZV55/C6V2 0.5W ZDI	AE 0006.9851.00	PHILIPS	BZV55B6V2	
V39	ZENER DIODE AG 1N5804 GL 100V 2A5	AG 0453.4762.00	GEN_INSTRU	FE2B(C)	
V40	RECTIFIER AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
V41	DIODE AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
..44	DIODE				
V45	AE BZV55/C5V1 0.5W ZDI	AE 0006.9839.00	PHILIPS_SE	BZV55B5V1 (GEG)	
V46	ZENER DIODE AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
..49	DIODE				
V54	AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
..56	DIODE				
V57	AK BCX70H N 45V 200MA	AK 0007.3105.00	VALVO	BCX 70 H	
V60	TRANSISTOR AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
V61	DIODE AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
..63	DIODE				
V64	AE MA4P274-287 200V PIN	0843.3238.00	MA-COM	MA4P1110	
V70	PIN DIODE AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
V71	DIODE AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
V75	DIODE AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
V76	DIODE AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
V77	DIODE AK BCX70H N 45V 200MA	AK 0007.3105.00	VALVO	BCX 70 H	
V78	TRANSISTOR AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
..81	DIODE				
V90	AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
..98	DIODE				
V100	AD 1N4448 75V UDI	AD 0012.0700.00	PHILIPS_SE	1N4448 "	
V105	DIODE AD BAS32 75V UDI	AD 0006.7288.00	PHILIPS	BAS32 (L)	
W1	DW HF-KABEL RF CABLE	6043.2149.00			
X1	FP STIFTLISTE 10P.R2,54	FP 0009.5892.00			
X2	PIN CONNECTOR FP STECKERLEISTE 78P+2HF	FP 6024.3908.00	DEUT_ELCO	10 8483 078 003 025	
X3	CONNECTOR VL STECKLOETOESE 7,5X1,1	VL 0078.2747.00	-	R&S-ZCHNG.078.2747	
	PLUG-IN SOLDERING LUG				

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	21	23.11.98		ED EMPFANGSPLATTE	6043.2449.01 SA	16+	

Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
R364	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R365	RG 182 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5989.00	PHILIPS_CO	RC02	
R367	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R368	RG 1,21KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.9968.00	PHILIPS_CO	RC02	
R369	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R370	RG 10,0 OHM+-1%TK100 1206 CHIP -RESISTOR	RG 0006.8649.00	PHILIPS_CO	RC02	
R371	RG 22,1 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5489.00	PHILIPS_CO	RC02	
R385	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R386	RK KTY10-6 SI TEMP.SENSOR TEMPERATURE SENSOR	0586.9335.00	SIEMENS	Q62705-K132(KTY10-6)	
R390	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
.394 R396	RG 1,82KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5720.00	PHILIPS_CO	RC02	
R400	RG 100 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8884.00	PHILIPS_CO	RC02	
R402	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R403	NICHT BESTUECKT/NOT FITTED RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R404	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	
R405	RG 56,2KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.1883.00	PHILIPS_CO	RC02	
R406	RG 56,2KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.1883.00	PHILIPS_CO	RC02	
R407	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R408	RG 56,2KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.1883.00	PHILIPS_CO	RC02	
R409	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	
R410	RG 182 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5989.00	PHILIPS_CO	RC02	
R411	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R413	RG 18,2KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5850.00	PHILIPS_CO	RC02	
R414	RG 1,0MOHM+-1%TK100 1206 CHIP RESISTOR	RG 0815.7532.00	PHILIPS_CO	RC 02	
.418 R420	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R421	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R450	RG 1,0MOHM+-1%TK100 1206 CHIP RESISTOR	RG 0815.7532.00	PHILIPS_CO	RC 02	
R451	RG 3,32KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5789.00	PHILIPS_CO	RC02	
.454 R455	RS 0,3W 1KOHM+-10% CERMET CERMET POTENTIOMETER	RS 0086.7915.00	BI_TECHNOL	66X ODER 67X	
R460	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R461	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R465	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R466	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R501	RG 1,5 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5714.00	PHILIPS_CO	RC02	
R502	RS 0,25W 10KOHM +-20% SMD POTENTIOMETER	RS 0007.9649.00	BI_TECHNOL	23 B R... TR	
R503	RG 4,32KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5814.00	PHILIPS_CO	RC02	
R523	RG 100 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8884.00	PHILIPS_CO	RC02	
R524	RG 100 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8884.00	PHILIPS_CO	RC02	

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	21 23 11 98			FD EMPFANGSPLATTE	6043.2449.01 SA	14+

Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
R240	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R241	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	
R242	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R243	RG 4,32KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5814.00	PHILIPS_CO	RC02	
R244	RG 909 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.7265.00	PHILIPS_CO	RC02	
R245	RG 22,1KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5872.00	PHILIPS_CO	RC02	
R246	RG 3,32KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5789.00	PHILIPS_CO	RC02	
R248	RS 0,25W 5KOHM +-20% SMD POTENTIOMETER	RS 0007.9632.00	BI_TECHNOL	23 B R... TR	
R251	RG 56,2 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8826.00	PHILIPS_CO	RC02	
R255	RG 100 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8884.00	PHILIPS_CO	RC02	
R256	RS 0,5W2KOHM+-10%10X10X5 CERMET POTENTIOMETER T	RS 0247.7884.00	BI_TECHNOL	72PM	
R257	RG 2,21KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5743.00	PHILIPS_CO	RC02	
R258	RG 1,82KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5720.00	PHILIPS_CO	RC02	
R260	RG 8,25KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.0770.00	PHILIPS_CO	RC02	
R261	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	
R263	RG 15,0KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5843.00	PHILIPS_CO	RC02	
R264	RG 5,62KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.0735.00	PHILIPS_CO	RC02	
R265	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R267	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R268	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R269	RG 6,81KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.0758.00	PHILIPS_CO	RC02	
R274	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R278	RG 100 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8884.00	PHILIPS_CO	RC02	
R282	RG 1,0MOHM+-1%TK100 1206 CHIP RESISTOR	RG 0815.7532.00	PHILIPS_CO	RC 02	
R283	RG 1,0MOHM+-1%TK100 1206 CHIP RESISTOR	RG 0815.7532.00	PHILIPS_CO	RC 02	
R284	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R289	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R291	RG 2,43KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5750.00	PHILIPS_CO	RC02	
R292	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R295	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R296	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R297	RG 3,32KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5789.00	PHILIPS_CO	RC02	
R298	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R299	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R300	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R301	RG 3,92KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5808.00	PHILIPS_CO	RC02	
R307	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R309	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R310	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	

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				21 23.11.98	ED EMPFANGSPLATTE	6043.2449.01 SA	12+

Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
R112	RG 11,0 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8655.00	PHILIPS_CO	RC02	
R113	RG 15,0KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5843.00	PHILIPS_CO	RC02	
R114	RG 22,1KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5872.00	PHILIPS_CO	RC02	
R116	RG 56,2KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.1883.00	PHILIPS_CO	RC02	
R117	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R118	RG 100 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8884.00	PHILIPS_CO	RC02	
R119	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R124	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R125	RG 56,2KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.1883.00	PHILIPS_CO	RC02	
R142	RG 750 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.9097.00	PHILIPS_CO	RC02	
R143	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R144	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R145	RG 221 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.6004.00	PHILIPS_CO	RC02	
R146	RG 121,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1960.00	PHILIPS_CO	RC02	
R147	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR NICHT BESTUECKT NOT FITTED	RG 0007.1948.00	PHILIPS_CO	RC02	
R148	RG 3,01KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5772.00	PHILIPS_CO	RC02	
R150	RG 27,4KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5895.00	PHILIPS_CO	RC02	
R151	RG 475 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.6079.00	PHILIPS_CO	RC02	
R152	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R153	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R154	RS 0,3W100KOHM+-10% CERMET CERMET POTENTIOMETER	RS 0086.7973.00	BI_TECHNOL	66X ODER 67X	
R155	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR NICHT BESTUECKT NOT FITTED	RG 0007.1948.00	PHILIPS_CO	RC02	
R156	RG 3,32KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5789.00	PHILIPS_CO	RC02	
R157	RG 13,0KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5837.00	PHILIPS_CO	RC02	
R158	RG 1,3 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5708.00	PHILIPS_CO	RC02	
R159	RS 0,3W 50KOHM+-10% CERMET TRIMMING POTENTIOMETER	RS 0006.6700.00	BI_TECHNOL	67 W	
R160	RG 11,0KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.0806.00	PHILIPS_CO	RC02	
R161	RG 100 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8884.00	PHILIPS_CO	RC02	
..163					
R165	RG 2,2MOHM+-5%TK200 1206 CHIP RESISTOR	0007.9978.00	PHILIPS_CO	RC 01	
R166	RG 2,21KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5743.00	PHILIPS_CO	RC02	
R167	RK KTY10-6 SI TEMP.SENSOR TEMPERATURE SENSOR	0586.9335.00	SIEMENS	Q62705-K132(KTY10-6)	
R168	RS 0,5W 10KOHM+-10%KURVE1 DEPOS.-CARBON POTENTIOMET	0586.7432.00	MENTOR	1.831 2101	
R169	RG 274 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5637.00	PHILIPS_CO	RC02	
R173	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R174	RG 4,75KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5820.00	PHILIPS_CO	RC02	
R175	RG 100,0KOH+-1%TK100 1206 CHIP RESISTOR	RG 0007.1948.00	PHILIPS_CO	RC02	
R176	RG 1,1KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.9951.00	PHILIPS_CO	RC02	

Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
N24	BO SE5534AFE LN OPAMP OPERATIONAL AMPLIFIER	BO 0301.3335.00	SIGNETICS	SE5534AFE	
N53	BL TBB206G SYNTH IC SYNTHSIZER	1051.4016.60	SIEMENS	TBB206G Q67100-H8723	
R1	RG 562 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.9068.00	PHILIPS_CO	RC02	
R2	RG 562 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.9068.00	PHILIPS_CO	RC02	
R3	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R4	RG 2,21KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5743.00	PHILIPS_CO	RC02	
R5	RG 1,5 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5714.00	PHILIPS_CO	RC02	
R6	RG 6,81KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0007.0758.00	PHILIPS_CO	RC02	
R7	RG 182 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5989.00	PHILIPS_CO	RC02	
R8	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
.. 11	RG 475 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5695.00	PHILIPS_CO	RC02	
R12	RG 221 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5614.00	PHILIPS_CO	RC02	
R13	RG 221 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5614.00	PHILIPS_CO	RC02	
R14	RG 100 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8884.00	PHILIPS_CO	RC02	
R15	RG 110 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8890.00	PHILIPS_CO	RC02	
R16	RG 475 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5695.00	PHILIPS_CO	RC02	
.. 21	RG 68,1 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8849.00	PHILIPS_CO	RC02	
R22	RG 1,5 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5714.00	PHILIPS_CO	RC02	
R23	RG 1,5 KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5714.00	PHILIPS_CO	RC02	
R24	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R25	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R26	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R27	RG 3,92KOHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5808.00	PHILIPS_CO	RC02	
R28	RG 1,0 KO +-1%TK100 1206 CHIP RESISTOR	RG 0006.7271.00	PHILIPS_CO	RC02	
R29	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R30	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R31	RN 9X 10KOHM+-SIL10 H5 RESISTOR NETWORK	RN 0343.4523.00	BI_TECHNOL	L 10 1 S 103 M*	
R32	RN 9X 10KOHM+-SIL10 H5 RESISTOR NETWORK	RN 0343.4523.00	BI_TECHNOL	L 10 1 S 103 M*	
R34	RG 1,0MOHM+-1%TK100 1206 CHIP RESISTOR	RG 0815.7532.00	PHILIPS_CO	RC 02	
R35	RG 16,2 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8690.00	PHILIPS_CO	RC02	
R36	RG 75,0 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8855.00	PHILIPS_CO	RC02	
R37	RG 332 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5650.00	PHILIPS_CO	RC02	
R38	RG 1,1KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.9951.00	PHILIPS_CO	RC02	
R39	RG 39,2 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5543.00	PHILIPS_CO	RC02	
R40	RG 1,21KOHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.9968.00	PHILIPS_CO	RC02	
R41	RG 681 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.9080.00	PHILIPS_CO	RC02	
R42	RG 475 OHM+-1%TK100 1206 RESISTOR CHIP	RG 0007.5695.00	PHILIPS_CO	RC02	
R45	RG 10,0KOHM+-1%TK100 1206 RG CHIP RESISTOR	RG 0007.0793.00	PHILIPS_CO	RC02	
R46	RG 100 OHM+-1%TK100 1206 CHIP RESISTOR	RG 0006.8884.00	PHILIPS_CO	RC02	

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	21	23.11.98			ED EMPFANGSPLATTE RECEIVER BOARD	6043.2449.01 SA	8+
ROHDE & SCHWARZ							

Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
C532	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C535	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C538	CC 10PF+-0,25 50VNPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8480.00	MURATA	GRM42-6COG 100 C50PT	
C540	CE 4,7UF+-20%20V 7X 4X 8 ELECTROLYTIC CAPACITOR	CE 0022.8110.00	KEMET	T340 B475M020 AS	
D1	BL PC74HC08T 4X2IN.ANDG QUAD 2INPUT AND GATE	BL 0007.3486.00	PHILIPS_SE	(PC)74HC08(D/T)	
D5	BL PC74HC04T 6XINVERTER HEXINVERTER	BL 0007.4001.00	PHILIPS_SE	(PC)74HC04(D/T)	
D10	BL PC74HC390T 2XDEC.CNT DUAL DECADE COUNTER	BL 0007.5043.00	PHILIPS_SE	(PC)74HC390(D/T)	
D11	BL PC74HC132T 4XSCHMITT T QUAD 2-INP NAND SCHMITT	BL 0520.7811.00	PHILIPS_SE	(PC)74HC132(D/T)	
D12	BL PC74HC30T 1X8IN NAND NAND GATE	BL 0804.1144.00	PHILIPS_SE	(PC)74HC30(D/T)	
D13	BO TDA1013B 4.0W AMPL AF-AMPLIFIER+AF-CONTRL	1003.0572.00	PHILIPS	TDA1013B	
D14	BL PC74HC132T 4XSCHMITT T QUAD 2-INP NAND SCHMITT	BL 0520.7811.00	PHILIPS_SE	(PC)74HC132(D/T)	
D15	BL PC74HC14T 6XINV.SCHM HEXINV.SCHMITT-TRIGGER	BL 0007.4018.00	PHILIPS_SE	(PC)74HC14(D/T)	
D16	BL PC74HC132T 4XSCHMITT T QUAD 2-INP NAND SCHMITT	BL 0520.7811.00	PHILIPS_SE	(PC)74HC132(D/T)	
D17	BL PC74HC132T 4XSCHMITT T QUAD 2-INP NAND SCHMITT	BL 0520.7811.00	PHILIPS_SE	(PC)74HC132(D/T)	
D18	8C PCF8574T 8B-I/O-PORT IC 8BIT I/O-PORT I2C-BUS	2033.1496.00	PHILIPS	PCF8574T	
D19	BL PC74HC14T 6XINV.SCHM HEXINV.SCHMITT-TRIGGER	BL 0007.4018.00	PHILIPS_SE	(PC)74HC14(D/T)	
D20	BL PC74HC14T 6XINV.SCHM HEXINV.SCHMITT-TRIGGER	BL 0007.4018.00	PHILIPS_SE	(PC)74HC14(D/T)	
D25	BS DG419DY 1XUM ANALOGSCH ANALOG SWITCH	0746.0322.00	SILICONIX	DG419DY	
D30	HS SOFTWARE	6043.2426.03			
H1	AF 1.801.8831 2XLED GN/GN LED	6024.3708.00	MENTOR	1.801.8831	
H2	AF 1.801.8831 2XLED GN/GN LED	6024.3708.00	MENTOR	1.801.8831	
H3	AF HLMP1700 LED3 RT626N LED	0099.9134.00	QUALITY	HLMP-1700.L31S	
H4	AF HLMP1790 LED3 GN569N LED	0007.5250.00	QUALITY	HLMP-1790.(L32S)	
H5	AF HLMP1700 LED3 RT626N LED	0099.9134.00	QUALITY	HLMP-1700.L31S	
H8	AF HLMP1719 MIT HALT RD3 LED WITH HOLDER YELLOW	6024.2924.00	MENTOR	TYP 1808-9037	
K1	SN 12V 1XU AU-CD MONOSTAB RELAY	SN 0063.7083.00	MATSUSHITA	RS-12V	
L2	LD 470NH 10% 0,15A 1210 SMD-INDUCTOR	LD 0007.9926.00	SIEMENS	B82422-A3471-J(K)100	
L3	LD 0,68UH10%0,600HMO,500A CHOKE	LD 0067.2840.00	DALE	IM2	
L4	LD 180NH 4,5W CM14P FE-K CHOKE	0303.9024.00	TOKO	301-SS-0400	
L5	LD 100NH 10% 0,44A 1210 SMD-INDUCTOR	LD 0007.9249.00	SIEMENS	B82422-A3101-J(K)100	
L6	LD 56,0UH10%5,700HMO,100A CHOKE	LD 0067.3076.00	DALE	IM2	
L7	NICHT BESTUECKT NOT FITTED				
L7	LD 1UH 10%OR45 0,1A1206 SMD MULTILAYER INDUCTOR	0007.4824.00	TOKO	MLF 3216 A 1R0 KL	
L8	LD 100 UH10%8,000HMO,084A CHOKE	LD 0067.3101.00	DALE	IM2	
L9	LD 1UH 10%OR45 0,1A1206 SMD MULTILAYER INDUCTOR	0007.4824.00	TOKO	MLF 3216 A 1R0 KL	
L10	LD 18,0UH10%3,100HMO,149A CHOKE	LD 0067.3018.00	DALE	IM2	
L11	LD 1UH 10% 0,38A 1210 SMD-INDUCTOR	LD 6006.0130.00	SIEMENS	B82422-A1102-J(K)100	
..13					

2BFK2	688	3PLU	AI	Datum Date	Schaltteilliste für Parts list for	Sachnummer Stock No.	Blatt-Nr. Page
				21.23.11.98	ED EMPFANGSPLETTE	6043.2449.01 SA	6+

Kennz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
C119	CE 2,2UF +-10% 25V 6032 TANTALUM SMD-CAPACITOR	CE 0007.7223.00	SPRAGUE	293D 225 X9 025 C2W	
C120	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C121	CE 15 UF+-20%16V 7X 5X11 ELECTROLYTIC CAPACITOR	CE 0087.9328.00	KEMET	T340 C156M016 AS	
C128	CC 2,2NF+-10%50VX7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8444.00	AVX	1206 5 C 222 KA 3	
C129	CC 1UF+-10% 50V X7R 2220 CERAMIC CAPACITOR	CC 0520.6873.00	AVX	2220 5C 105 KAT**A(F	
C130	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C131	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C132	CE 4,7UF+-10% 10V 3528 TANTALUM SMD-CAPACITOR	CE 0007.7275.00	SPRAGUE	293D 475 X9 010 B2T	
C133	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C134	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C135	CC 22NF+-10%50VX7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8467.00	AVX	1206 5 C 223 KA 3	
C136	CE 100UF+-20%25V RM2.5 ELECTROLYTIC CAPACITOR	CE 0008.7891.00	PANASONIC	ECA-1EFG101I	
C137	CE 100UF+-20%25V RM2.5 ELECTROLYTIC CAPACITOR	CE 0008.7891.00	PANASONIC	ECA-1EFG101I	
C138	CE 10UF +-10% 25V 7343 TANTALUM SMD-CAPACITOR	CE 0007.7246.00	SPRAGUE	293D 106 X9 025 D2W	
C139	CC 150PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8509.00	MURATA	GRM42-6COG 151F 50PT	
C140	CE 47UF+-20%50V RM2,5 ELECTROLYTIC CAPACITOR	CE 0008.7479.00	PANASONIC	ECA-1HFG470I	
C141	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C142	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C143	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C144	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C147	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C150	CE 10UF +-10% 25V 7343 TANTALUM SMD-CAPACITOR	CE 0007.7246.00	SPRAGUE	293D 106 X9 025 D2W	
C151	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
..153 C154	CC 1UF+-10%50V7K1200VIEL CAPACITOR	0084.5538.00	UNION_CARB	CK 06 BX 105K	
C155	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C156	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C157	CC 10NF+-10%100V5K1200VIE CERAMIC CAPACITOR	CC 0068.4060.00	UNION_CARB	CK 05 BX 103K	
C158	CE 470UF+-20%50V RM5 ELECTROLYTIC CAPACITOR	CE 0008.7504.00	PANASONIC	ECA 1 HFG 471 B	
C159	CE 470UF+-20%50V RM5 ELECTROLYTIC CAPACITOR	CE 0008.7504.00	PANASONIC	ECA 1 HFG 471 B	
C160	CC 4,7NF+-10%50VX7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8450.00	AVX	1206 5 C 472 KA 3	
C161	CE 470UF+-20%50V RM5 ELECTROLYTIC CAPACITOR	CE 0008.7504.00	PANASONIC	ECA 1 HFG 471 B	
..163 C164	CE 10UF+-20%50V RM2,5 ELECTROLYTIC CAPACITOR	CE 0008.7427.00	PHILIPS_CO	2222 116 11109	
C165	CE 100UF+-20%25V RM2.5 ELECTROLYTIC CAPACITOR	CE 0008.7891.00	PANASONIC	ECA-1EFG101I	
C166	CE 10UF+-20%50V RM2,5 ELECTROLYTIC CAPACITOR	CE 0008.7427.00	PHILIPS_CO	2222 116 11109	
C167	CC 100PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8415.00	MURATA	GRM42-6COG 101F 50PT	
C168	CE 47UF+-20%50V RM2,5 ELECTROLYTIC CAPACITOR	CE 0008.7479.00	PANASONIC	ECA-1HFG470I	
C169	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C170	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C175	CE 100UF+-20%25V RM2.5 ELECTROLYTIC CAPACITOR	CE 0008.7891.00	PANASONIC	ECA-1EFG101I	

Kannz. Comp. No.	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
C28	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C29	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C30	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C31	CT 12,5PF250VTK+-15+KAPPE TRIMMER	CT 0529.5334.00	TEKELEC	AT 8093	
C32	CC 2,2PF+-0,25PF3X4NPO CAPACITOR	CC 0087.6341.00	PHILIPS_CO	2222 678	
C33	CC 33PF+-2%4X5NPO CAPACITOR	CC 0087.6487.00	PHILIPS_CO	2222 678	
C34	CC 56PF+-2%5X6NPO CAPACITOR	CC 0087.6512.00	PHILIPS_CO	2222 678	
C35	CC 3,3PF+-0,25PF3X4NPO CAPACITOR	CC 0087.6364.00	PHILIPS_CO	2222 678	
C36	CC 1PF+-0,25PF3X4P100 CAPACITOR	CC 0087.6170.00	PHILIPS_CO	2222 678	
C37	TRIMMWERT/SELECTED CC 180PF+-1%50V NPO 1206 CHIP CAPACITOR	CC 0099.8844.00	MURATA	GRM42-6COG 181F 50PT	
C39	CE 4,7UF+-10% 10V 3528 TANTALUM SMD-CAPACITOR	CE 0007.7275.00	SPRAGUE	293D 475 X9 010 B2T	
C40	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C43					
C44	CC 22PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8396.00	MURATA	GRM42-6COG 220F 50PT	
C45	CC 22PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8396.00	MURATA	GRM42-6COG 220F 50PT	
C47	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C49	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C50	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C51	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C52	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C53	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C54	CC 220PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8850.00	MURATA	GRM42-6COG 221F 50PT	
C55	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C56	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C57	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C58	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C59	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C60	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C61	CE 22 UF+-20%16V 7X 5X11 ELECTROLYTIC CAPACITOR	CE 0022.8091.00	KEMET	T340 C226M016 AS	
C62	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C63	CC 82PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8821.00	MURATA	GRM42-6COG 820F 50PT	
C64	CE 10 UF+-20%16V 7X 4X 8 ELECTROLYTIC CAPACITOR	CE 0022.8085.00	KEMET	T340 B106M016 AS	
C65	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C66	CC 68PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8815.00	MURATA	GRM42-6COG 680F 50PT	
C67	CC 68PF+-1%50V NPO 1206 CERAMIC CHIP CAPACITOR	CC 0099.8815.00	MURATA	GRM42-6COG 680F 50PT	
C68	CC 1NF+-1% 50V NPO 1206 SMD CERAMIC CAPACITOR	CC 0007.7398.00	AVX	1206 5A 102 FAT00J	
C69	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	
C70	CC 100NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0007.5237.00	PHILIPS_CO	2238 581 55649	
C71	CC 10NF+-10%50V X7R 1206 CERAMIC CHIP CAPACITOR	CC 0099.8521.00	MURATA	GRM42-6X7R103K 50PT	

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	21	23.11.98		ED EMPFANGSPLATTE	6043.2449.01 SA	2+	

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Repair Manual • Interface Description

Contact	Signal Name Description	Direction	Type	Range of Value	Remarks
X69.13C	CARRIER-2	output	analog	> 3.5 V = power > 1/4 P _N < 1 V = < 1/4 P _N	
X69.14A	+ 24 VDC 1	output	power	+ 19 to + 31 VDC	
X69.14B	AGC-1	output	analog	0 to + 5 V	
X69.14C	CBIT-TX-1	output	digital	HCMOS high = Go low = NoGo	
X69.15A	GND	bidirectional	power	0 V	
X69.15B	*REMOTE-1	output	digital	> 3.5 V = local < 1 V = remote	
X69.15C	Not used				
X69.16A	TEST REM	input	digital	HCMOS < 3.5 V = Go < 1 V = NoGo	
X69.16B	AGC-2	output	analog	0 to + 5 V	
X69.16C	*SQ ON INB	input	digital	HCMOS + 100 kΩ pull-up	

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Contact	Signal Name Description	Direction	Type	Range of Value	Remarks
X69.3A	*SQUELCH	output	digital	> 3.5 V = no signal < 1 V = signal	Line to TX
X69.3B	*PTT-INB	input	digital	HCMOS	
X69.3C	NC SDAO	output	digital	HCMOS	
X69.4A	AGC-BIT-11	output	digital	HCMOS refer also to X2.12C	
X69.4B	Not used				AF + control tones of line
X69.4C	AF-TX-A AF 600 Ω	output	analog	60 mV $\pm$ 10 mV	
X69.5A	AGC-BIT-02	output	digital	HCMOS	
X69.5B	Not used				
X69.5C	AF-TX-B AF 600 Ω (GND)	output	analog	0 V	AF +
X69.6A	AGC-BIT-12	output	digital	HCMOS refer also to X2.14C	
X69.6B	Not used				
X69.6C	AF-TX-C AF 600 Ω	input	analog	60 mV $\pm$ 20 mV	
X69.7A	USER-DEF-2	input	digital	HCMOS	Make connection to TX and RX. User function of inband evaluation
X69.7B	Not used				
X69.7C	AF-TX-D AF 600 Ω (GND)	input	analog	0 V	From inband by tone to AF line
X69.8A	AF6	input	analog	80 to 120 mV (m = 60 %, 1 kHz)	
X69.8B	Not used				
X69.8C	Not used				

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Contact	Signal Name Description	Direction	Type	Range of Value	Remarks
X2.22B	*IBIT-A	output	digital	< 1 V = IBIT > 3.5 V = RX or TX	With option Inband Interface control for buffer amplifier
X2.22C	AF-INHI-1	output	digital	HCMOS + D. (OC)	
X2.23A	Not used				
X2.23B	CARRIER-1	input	digital	> 3.5 V = carrier < 1 V = RX	
X2.23C	AF-INHI-2	input	digital	HCMOS + 182 Ω pull-up	
X2.24A	Not used				
X2.24B	VSWR-1	output	digital	> 3.5 V VSWR > 3 < 1 V VSWR < 3	
X2.24C	AGC-1	output	analog	DC, 0 to + 5 V	
X2.25A	AGC-LINE	output	analog	DC, 0 to + 5 V 10 mA	With option Inband Interface message from TX
X2.25B	TEMP-1	input	digital	> 3.5 V = overtemperature < 1 V = TEMP in order	
X2.25C	AGC-2	input	analog	DC, 0 to + 5 V	
X2.26A	Not used				
X2.26B	USER-DEF-1	input	digital	> 3.5 V = Go < 1 V = NoGo	
X2.26C	AGC-INHI-1	output	digital	HCMOS + D. (OC)	
X2.27A	*REMOTE-1	output	digital	HCMOS low = remote 100 k Ω pull-up	
X2.27B	CBIT-TX-1	input	digital	HCMOS high = Go	

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Contact	Signal Name Description	Direction	Type	Range of Value	Remarks
X2.13C	AGC-BIT-02	input	digital	HCMOS	
X2.14A	SQ-TTL	output	digital	> 3.5 V = signal < 1 V = no signal $I_o < 5 \text{ mA}$	
X2.14B	*OFF-2	input	digital	< 1 V = OFF > 3.5 V = ON (100 k Ω pull-up)	
X2.14C	AGC-BIT-12	output	digital	HCMOS AGC BIT RF level 02 12 0.2 μV 0 0 3 μV 1 0 30 μV 0 1 300 μV 1 1 RF level TTY BIT 0.2 μV 0 0 3 μV 1 0 30 μV 0 1 300 μV 1 1	
X2.15A	AGC-BIT-01	output	digital	HCMOS AGC BIT RF level 01 11 0.2 μV 0 0 3 μV 1 0 30 μV 0 1 300 μV 1 1 RF level TTY BIT 0.2 μV 0 0 3 μV 1 0 30 μV 0 1 300 μV 1 1	
X2.15B	*OFF-INB	output	digital	< 1 V = OFF > 3.5 V = ON	With option Inband Interface control for Tx
X2.15C	User-DEF-2	output	digital	HCMOS high = user funct.	
X2.16A	Monitor	input	analog	AF, approx. 50 mV _{rms}	R = 33 k Ω
X2.16B	*PTT-INB	output	digital	< 1 V = PTT > 3.5 V (100 k Ω + 5 V pull-up)	With option Inband Interface control for Tx R _i = 33 k Ω

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Contact	Signal Name Description	Direction	Type	Range of Value	Remarks
X2.4A	+ 24 VDC	input	power	+ 19 to + 31 VDC	
X2.4B	Not used				
X2.4C	VSWR-2	input	digital	HCMOS high = VSWR > 3	
X2.5A	+ 24 VDC	input	power	+ 19 to + 31 VDC	
X2.5B	SQ-1	bidirectional	digital	Relay centre contact 0 V / + 12 V / open	
X2.5C	TEMP-2	input	digital	HCMOS high = overtemp.	
X2.6A	Not used				
X2.6B	SQ-2	bidirectional	digital	Relay make contact 0 V / + 12 V / open	
X2.6C	USER-DEF-3	input	digital	HCMOS high = function ON	
X2.7A	24 V GND	output	power	0 V GND	
X2.7B	SQ-3	bidirectional	digital	Relay break contact 0 V / + 12 V / open	
X2.7C	CBIT-TX-2	input	digital	> 3.5 V = Go (10 k Ω pull-up) < 1 V = NoGo	With option Inband Interface message from Tx
X2.8A	24 V GND	output	power	0 V GND	
X2.8B	AF-8- Ω	output	analog	0 to 500 mW ($m = 0.9$) into 8 Ω	Can be set with R231
X2.8C	*REMOTE-2	input	digital	HCMOS low = remote	
X2.9A	ON-TX	input	digital	HCMOS high = MAIN-1 high = STBY-2 low = STBY-1 low = MAIN-2	With option Inband Interface message from Tx

