

5 Documents

This chapter contains the documents for the CMU basic unit. The documents for the modules with the description of function, adjustment and interfaces are relegated to the Service Manual, Stock no. 1110.4903.92. To order replacement parts and modules please contact our *spare parts express service* or your Rohde & Schwarz service representative and note the hints given in the following section, *Module and Cable Exchange*.

The address of our *spare parts express service* and a list of Rohde & Schwarz representatives can be found at the beginning of this service manual.

Module and Cable Exchange

Table 5-1 at the end of this section lists all power cables available. The stock numbers necessary for ordering replacement parts and modules can be found in the component lists further down.



Important Note!

When replacing a module please note the safety instructions and the repair instructions given in chapter 3 of this service manual.

Ordering replacement parts

To deliver replacement parts promptly and correctly we need the following indications:

- Stock number (see component lists in this chapter)
- Designation
- Component number according to component list
- Number of pieces
- Instrument type the replacement part belongs to
- Contact person for possible questions

Replaced modules

Replaced modules are an economic alternative for original modules. It should be kept in mind that replaced modules are not new, but repaired and fully tested parts. They may have traces from use but they are electrically and mechanically equivalent to new modules.

To find out which replaced modules are available, please refer to your Rohde & Schwarz representative (or to the central service division, Rohde & Schwarz Munich). The identification number is usually the same as for the original module, but with a variant index .95, .96, .97 or .98.

Ordering and delivery of replaced modules

For ordering replaced modules, the same indications as for ordinary parts are required, however, with the corresponding variant index appended to the stock number.

Taking back defective replacement modules

Defective modules of the replacement program which can be repaired are taken back within **3 months** after delivery of the replaced module. A repurchasing value is credited.

Excluded are parts which can not be repaired, e.g. PCBs that are burnt, broken or damaged by repair attempts, incomplete modules, parts which are heavily damaged mechanically.

The defective parts must be sent back with a **returned accompanying document** containing the following information:

- Stock number, serial number and designation of the dismantled part,
- **Precise** description of the error,
- Stock number, serial number and designation of the instrument the part was dismantled from,
- Date of dismantling,
- Name of the technician who exchanged the part.

A returned accompanying document is provided with each replacement module.

Table 5-1 List of power cables available

Stock No.	Earthed-contact connector	Preferably used in
DS 006.7013	BS1363: 1967 complying with IEC 83: 1975 standard B2	Great Britain
DS 006.7020	Type 12 complying with SEV-regulation 1011.1059, standard sheet S 24 507	Switzerland
DS 006.7036	Type 498/13 complying with US-regulation UL 498, or with IEC 83	USA/Canada
DS 006.7107	Type SAA3 10 A, 250 V, complying with AS C112-1964 Ap.	Australia
DS 0025.2365 DS 0099.1456	DIN 49 441, 10 A, 250 V, angular DIN 49 441, 10 A, 250 V, straight	Europe (except Switzerland)



**Overview of
Spare Parts
for CMU Basic Unit**

List of CMU Spare Parts

The CMU is constructed in accordance with R&S design 2000.

Overall dimension: W x H x L, 465 mm x 193 mm x 517 mm

Rackmount: 4E 1/1 T450

Note: *The parts which are fitted with a Current No. can be ordered as spare parts.*

Current No.	Designation	Stock No.	Electr.No.
10	Instrument frame	1090.9080.00	
80	Instrument fan	1091.1001.00	
90	Instrument fan cover	1091.0840.00	
150	Cover	1100.0872.00	
170	Cage	1091.0111.00	
180	Part of the mounting plate	1091.0028.00	
190	Partition	1091.0128.00	
200	Locking bracket	1091.0405.00	
210	Loudspeaker	1100.0837.00	E 1
220	Loudspeaker support	1091.0640.00	
220	Cover hood large	0009.9200.00	
230	Cover hood small	0143.4180.00	
240	Cover hood medium	0528.8500.00	
250	Sub D cover (9-pins)	1050.9243.00	
260	Labeling panel	1100.0143.00	
270	FRONT MODULE MODEL 04=COLOR DISPLAY 48 MB / FMR4	1090.9244.04	A 1
275	FRONT MODULE MODEL 12=COLOR DISPLAY 64 MB / FMR5	1090.9244.12	A 1

Current No.	Designation	Stock No.	Electr.No.
280	Keyboard frame	1091.1153.00	
290	Keyboard mat	1100.0166.00	
300	Keyboard membrane	1100.2008.00	A 15
310	Mounting plate	1090.9680.00	
320	Shielded filter plate	1091.2014.00	
330	RF Spring long	1069.3011.00	
340	RF Spring short	1069.3105.00	
350	Plate support	0852.0844.00	
360	LCD VAR 04	0048.4435.00	A 14
365	LCD VAR 12	0048.6980.00	A 14
370	Display connector VAR 04	1091.0286.00	W 17
375	Display connector VAR 12	1091.0911.00	W 17
380	Spinwheel VAR 04	0852.1140.00	B 12
385	Spinwheel VAR 12	0852.1134.00	B 12
390	Rotary knob	0852.1086.00	
400	Shielding VAR 04	1090.9838.00	
405	Shielding VAR 12	1091.1030.00	
410	DC/AC converter VAR 04	0048.3568.00	T 3
415	DC/AC converter VAR 12	0048.6996.00	T 3
420	Converter connector VAR 04	1091.2214.00	W 13
425	Converter connector VAR 12	1091.0928.00	W 13
430	Hood VAR 04	1090.9844.00	

Current No.	Designation	Stock No.	Electr.No.
435	Hood VAR 12	1091.1024.00	
440	Panel	1090.9650.00	
450	FRONT MODULE CONTROLLER VAR 04	1091.2108.00	A 4
455	FRONT MODULE CONTROLLER VAR 12	1091.2489.00	A 4
460	Lithium battery	0565.1687.00	
470	Memory MODULES 16 MB (SIMM -72) VAR 04	0010.9369.00	
475	Memory MODULES 32 MB (SODIMM -144) VAR 12	0048.5654.00	
480	Memory MODULES 32 MB (SIMM -72) VAR 04	0048.5025.00	
485	Memory MODULES 64 MB (SODIMM -144) VAR 12	4054.9518.00	
490	Hard disk program.VAR 04	1090.9250.00	D 11
495	Hard disk program.VAR 12	1100.0989.00	D 11
510	Fan VAR 04	1090.9867.00	E 10
515	Fan VAR 12	1091.0292.00	E 10
520	RF FRONTEND	1100.3042.02	A 20
530	Fan	1100.3088.00	
540	REFERENCE BOARD	1100.2600.02	A 10
550	RX/TX BOARD1	1100.1404.02 1100.1733.02 ¹	A 3
555	TR CORRECTION MODULE	1100.1604.02	A 301
560	Reserved		
565	Reserved		

¹ New RXTX BOARD1 1100.1733.02 replaces old RXTX BOARD1 1100. 1404.02. 1100.1703.02 cannot be replaced by 1100.1404.02.

Current No.	Designation	Stock No.	Electr.No.
570	DIGITAL BOARD	1100.1791.02	A 7
575	DIGITAL BOARD	1100.1804.02	A 700
580	DDC MODULE1	1100.2300.03	A 710
585	DDC MODULE2	1100.2300.03	A 730
590	AUC MODULE1	1100.2500.02	A 760
595	AUC MODULE2	1100.2500.02	A 780
600	TXDSP MODULE1	1100.2100.03	A 750
605	TXDSP MODULE2	1100.2100.03	A 770
610	ADC MODULE1	1100.2200.02	A 720
615	ADC MODULE2	1100.2200.02	A 740

620	MOTHERBOARD1	1100.1110.02 1100.0920.02 ² *	A 200
630	MOTHERBOARD2	1100.1127.02 1100.0937.02 ³ *	A 201
640	REARPANEL BOARD1	1100.1140.02 1100.0950.02 ⁴ *	A 204
650	REARPANEL BOARD2	1100.1191.02 1100.0966.02 ⁵ *	A 202
660	FRONTPANEL BOARD	1100.1204.02 1100.0943.02 ⁶ *	A 203

670	POWER SUPPLY	1091.2320.00	A 100
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CMU-B11 OCXO REFERENCE OSC.		1100.5000.02	
690	OCXO REFERENCE OSC.	1100.2900.02	

CMU-B12 OCXO REFERENCE OSC.		1100.5100.02	
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² New MOTHERBOARD1 1100.0920.02 replaces old MOTHERBOARD1 1100.1110.02. 1100.0920.02 cannot be replaced by 1100.1110.02.

³ New MOTHERBOARD2 1100.0937.02 replaces old MOTHERBOARD2 1100.1127.02. 1100.0937.02 cannot be replaced by 1100.1127.02.

⁴ New REARPANEL BOARD1 1100.0950.02 replaces old REARPANEL BOARD1 1100.1140.02. 1100.0950.02 cannot be replaced by 1100.1140.02.

⁵ New REARPANEL BOARD2 1100.0966.02 replaces old REARPANEL BOARD2 1100.1191.02. 1100.0966.02 cannot be replaced by 1100.1191.02.

⁶ New FRONTPANEL BOARD 1100.0943.02 replaces old FRONTPANEL BOARD 1100.1204.02. 1100.0943.02 cannot be replaced by 1100.1204.02.

Current No.	Designation	Stock No.	Electr.No.
710	OCXO REFERENCE OSC.	1100.2900.03	
CMU-B21 UNIVERS.SIGN.UNIT		1100.5200.02	
730	UNIV. SIGN. UNIT	1100.5216.02 ⁷ 1100.5216.03 ⁸	A 8 / A 9
735	LINK HANDLER BOARD	1097.3570.02	A 400
740	DSP MODULE0	1097.3106.03 ⁹ 1097.3129.03 ⁹	A 440
741	DSP MODULE1	1097.3106.03 ⁹ 1097.3129.03 ⁹	A 450
742	DSP MODULE2	1097.3106.03 ⁹ 1097.3129.03 ⁹	A 460
750	I/Q OUT MODULE	1100.2000.02	A 430
CMU-B41 AUDIO-GEN. + ANA.		1100.5300.02	
755	AUDIO BOARD	1100.2800.02	A11
756	DSP MODULE	1097.3106.03 ⁹ 1097.3129.03 ⁹	A1101
757	RF cable	1100.3659.00	W 34*
758	RF cable	1100.3665.00	W 40*
CMU-B52 SPEECH CODEC		1100.5400.02	A 420
760	SPEECH CODEC	1100.2730.02	
765	DSP MODULE3	1097.3106.03 ⁹ 1097.3129.03 ⁹	A 470
CMU-U61 FLOPPY DISK DRIVE		11005500.02	
780	Floppy	1091.2072.00	
790	Support	1091.0228.00	
800	Frame	1091.0211.00	

⁷ 1100.5216.02 contains DSP MODULES 1097.3106.03 and I/Q OUT MODULE 1100.2000.02

⁸ 100.5216.03 contains DSP MODULES 1097.3129.03 and I/Q OUT MODULE 1100.2000.02

⁹ New DSP MODULE 1097.3129.03 replaces old DSP MODULE 1097.3106.03. 1097.3129.03 cannot be replaced by 1097.3106.03.

* If one of the new boards (620...660) is used, all other boards (620...660) must be replaced.

Current No.	Designation	Stock No.	Electr.No.
810	Flex strip connection	1091.2066.00	
830	PCMCIA INTERFACE	1100.5616.02	
840	Card slot	1047.2006.00	
850	RF cable	1100.3894.00	W 5*
860	RF cable	1100.3907.00	W 6*
870	RF cable	1100.3913.00	W 7*
880	RF cable	1100.3920.00	W 8*
910	RF cable	1100.3965.00	W 12*
920	RF cable	1100.3971.00	W 13*
930	RF cable	1100.3988.00	W 14*
940	RF cable	1100.4010.00	W 17*
950	RF cable	1100.4026.00	W 18*
960	RF cable	1100.4032.00	W 19*
970	RF cable	1100.4155.00	W 31*
980	RF cable	1100.4161.00	W 32*
990	RF cable	1100.4178.00	W 33*
1000	RF cable	1100.4190.00	W 35*
1010	RF cable	1100.4203.00	W 36*
1020	RF cable	1100.4210.00	W 37*
1030	Tube	1100.0743.00	

⁹ New DSP MODULE 1097.3129.03 replaces old DSP MODULE 1097.3106.03. 1097.3129.03 cannot be replaced by 1097.3106.03.

* as shown in drawing 1100.0872 sheet 1.

* as shown in drawing 1100.0872 sheet 1.

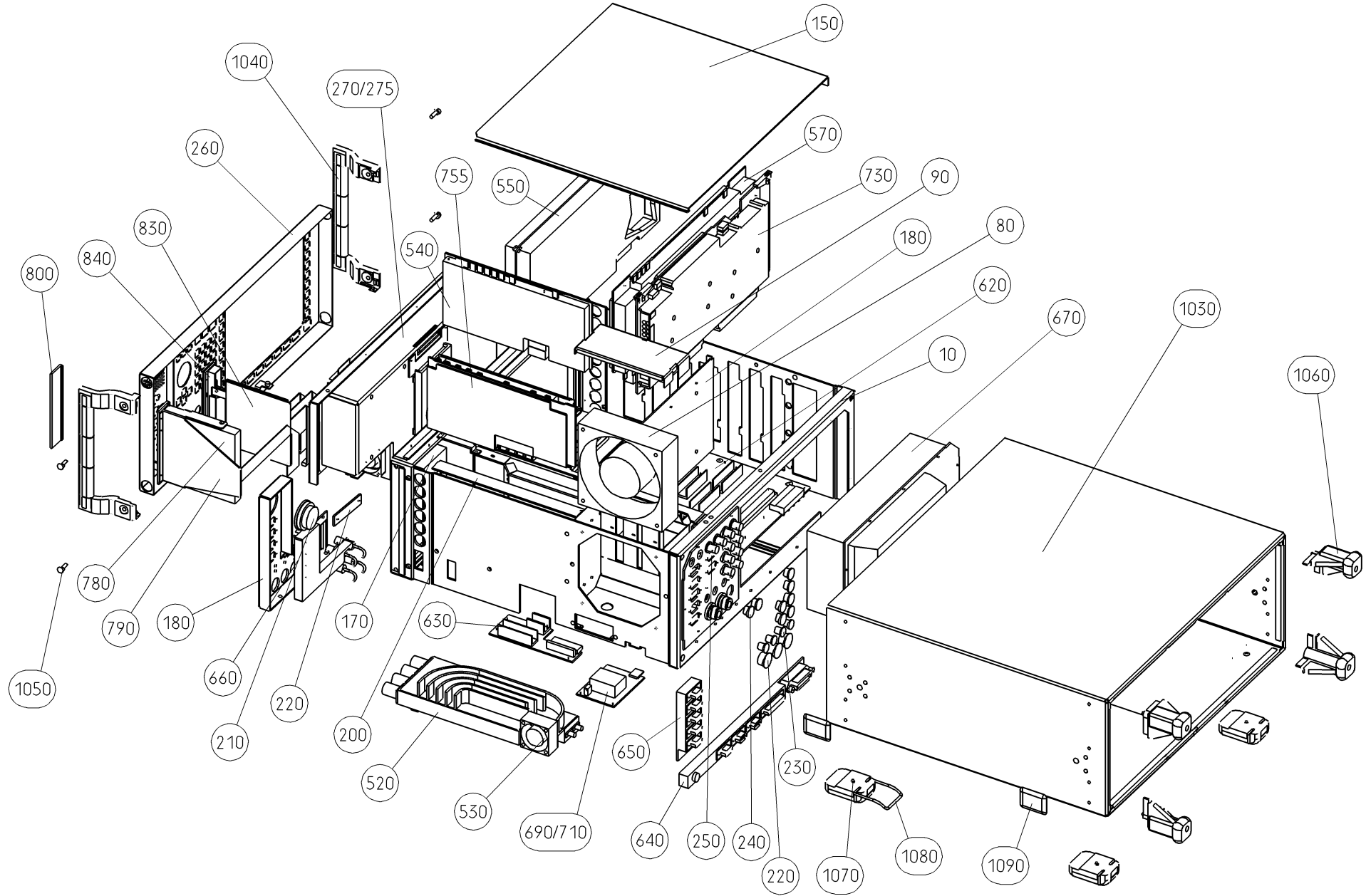
Current No.	Designation	Stock No.	Electr.No.
1040	Front grip	1096.1480.00	
1050	Screw	1096.4780.00	
1060	Rear panel foot	1096.2493.00	
1070	Instrument foot	1096.2506.00	
1080	Clamp	1096.2529.00	
1090	Tube hood	1096.2558.00	



Drawings of all

CMU Spare Parts

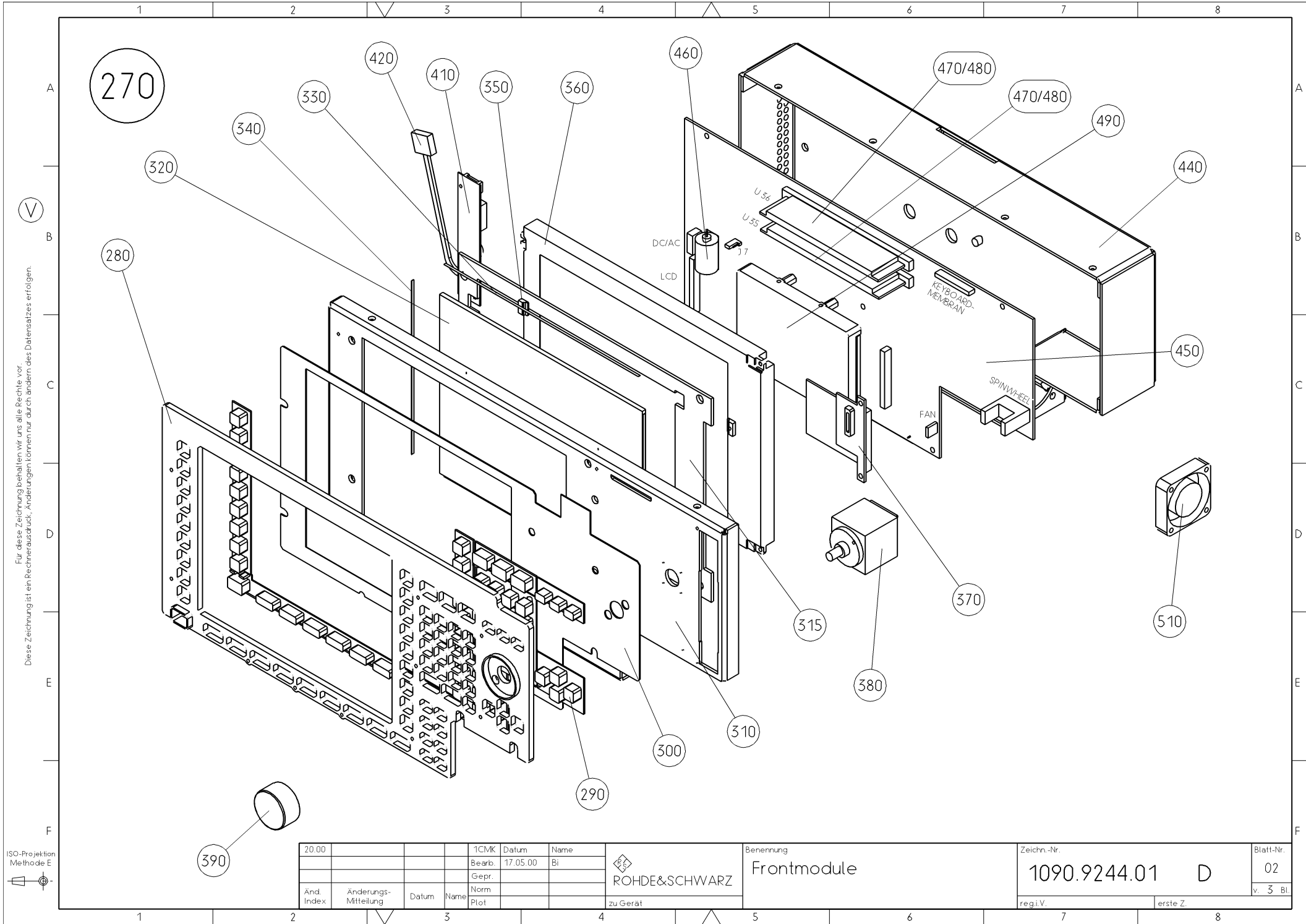
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ISO-Projektion
Methode E

08.00				1CMK	Datum	Name	 ROHDE & SCHWARZ	Benennung GG CMU200 UNIV. RADIOCOM.	Zeichn.-Nr. 1100.0008.01	D	Blatt-Nr. 2
				Bearb.	17.11.99	Bi					
				Gepr.							
And.	Änderungs-	Datum	Name	Norm			zu Gerät		regi.V.	erste Z.	v. 3 Bl.

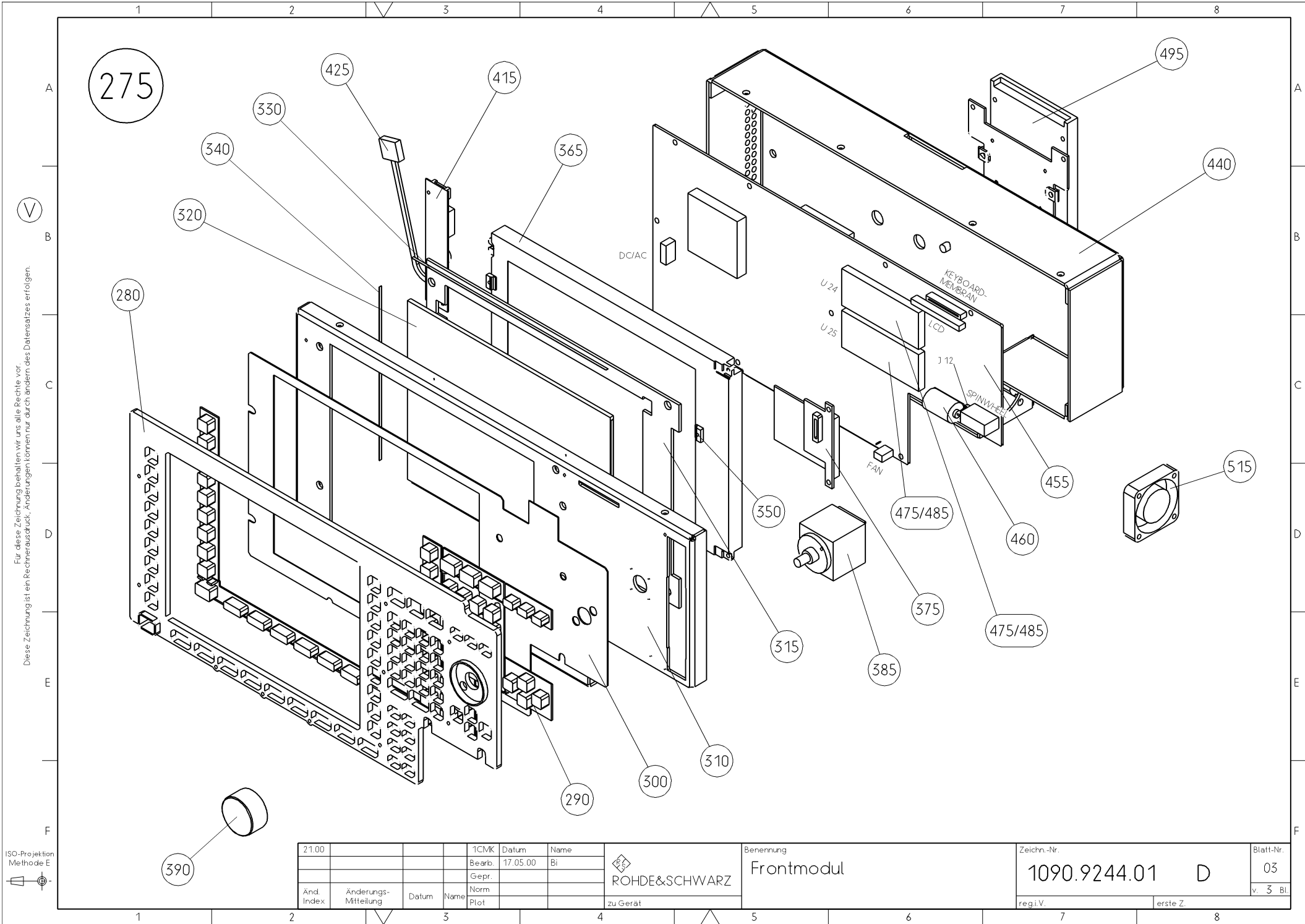
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ISO-Projektion
Methode E

20.00				1CMK	Datum	Name	 ROHDE&SCHWARZ	Benennung Frontmodule	Zeichn.-Nr. 1090.9244.01	D	Blatt-Nr. 02
				Bearb.	17.05.00	Bi					
				Gepr.							
Änd. Index	Änderungs-Mitteilung	Datum	Name	Norm	Plot	zu Gerät			regi.V.	erste Z.	v. 3 Bl.

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ISO-Projektion
Methode E

21.00				1CMVK	Datum	Name
				Bearb.	17.05.00	Bi
				Gepr.		
Änd.	Änderungs-	Datum	Name	Norm		
Index	Mitteilung			Plot		


ROHDE&SCHWARZ
 zu Gerät

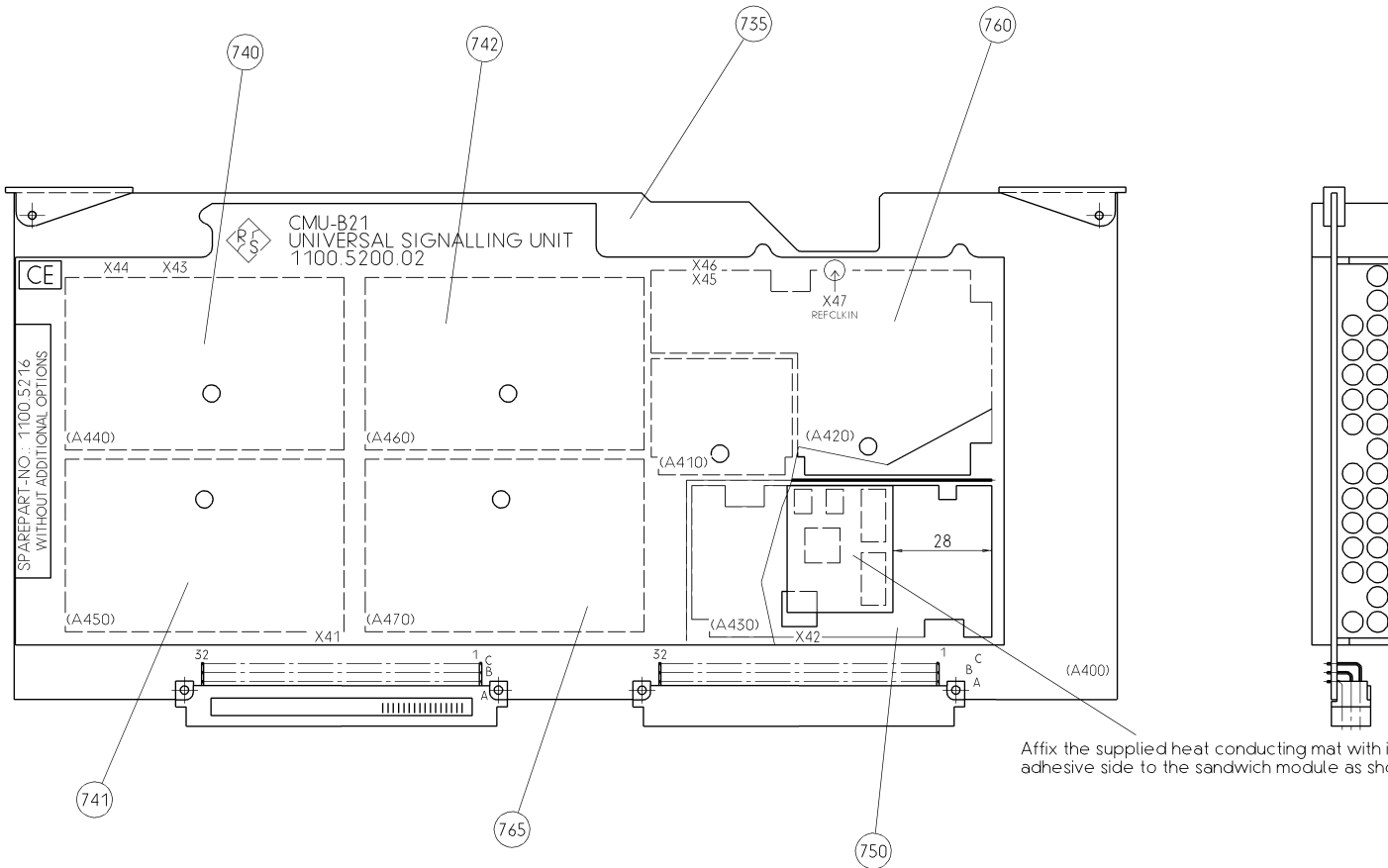
Benennung
Frontmodul

Zeichn.-Nr.
1090.9244.01 D

Blatt-Nr.
03
 v. 3 Bl.

regi.V. erste Z.

730



Affix the supplied heat conducting mat with its adhesive side to the sandwich module as shown

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		Maße ohne Toleranzangabe		Maßstab 1:1	
				Werkstoff	
07.00		1CMK	Datum	Name	Benennung
		Bearb.	29.04.99	Bl	UNIVERS. SIGN. UNIT
		Gepr.			
		Norm			
		Plot			
				Zeichn.-Nr.	
				1100.5216.01	
				D	
				Blatt-Nr.	
				02	
And. Index	Änderungs-Mitteilung	Datum	Name	Zu Gerät	
				CMU-B21	
				Zeichn.-Nr.	
				1100.5200.00	
				erste Z.	
				1100.5200.01	



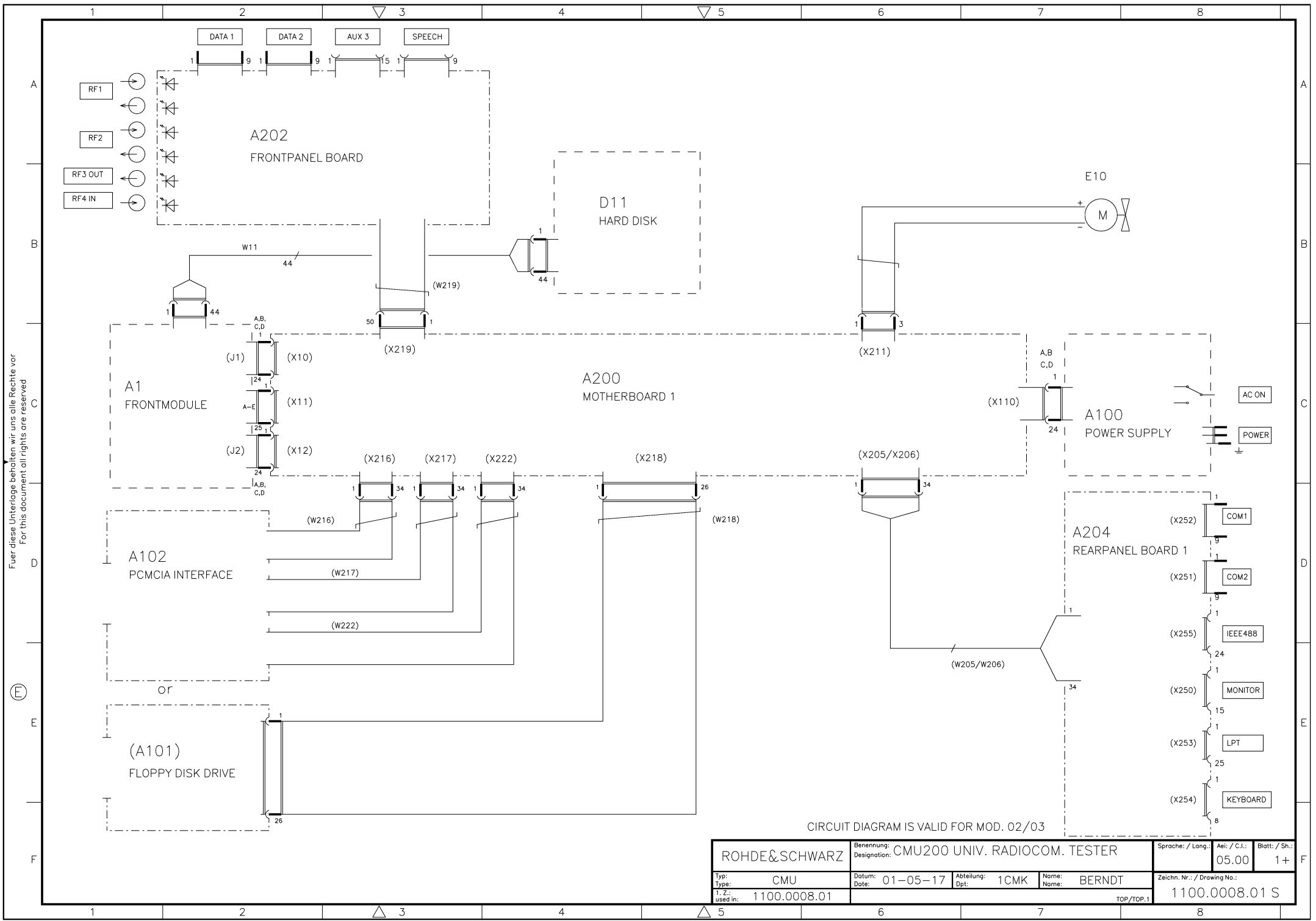
ROHDE & SCHWARZ

Circuit Diagram

Part List

Adjustment Devices

for CMU Basic Unit

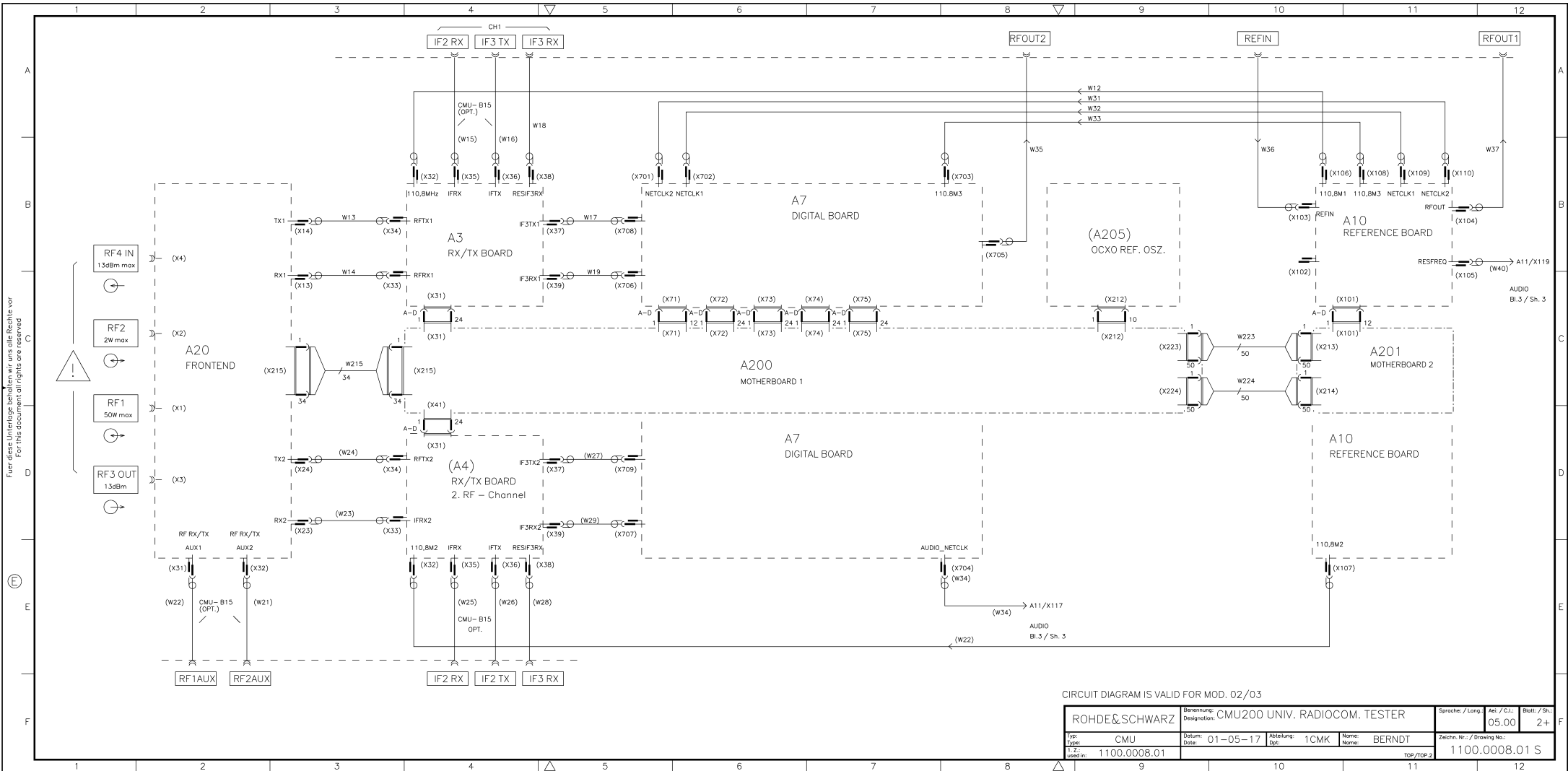


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CIRCUIT DIAGRAM IS VALID FOR MOD. 02/03

ROHDE&SCHWARZ		Benennung: CMU200 UNIV. RADIOCOM. TESTER			Sprache: / Lang.: 05.00		Blatt: / Sh.: 1+	
Typ: CMU		Datum: 01-05-17	Abteilung: 1CMK	Name: BERNDT		Zeichn. Nr.: / Drawing No.: 1100.0008.01 S		
1. Z.: 1100.0008.01		Date: 01-05-17		Dpt: 1CMK		TOP/TOP.1		

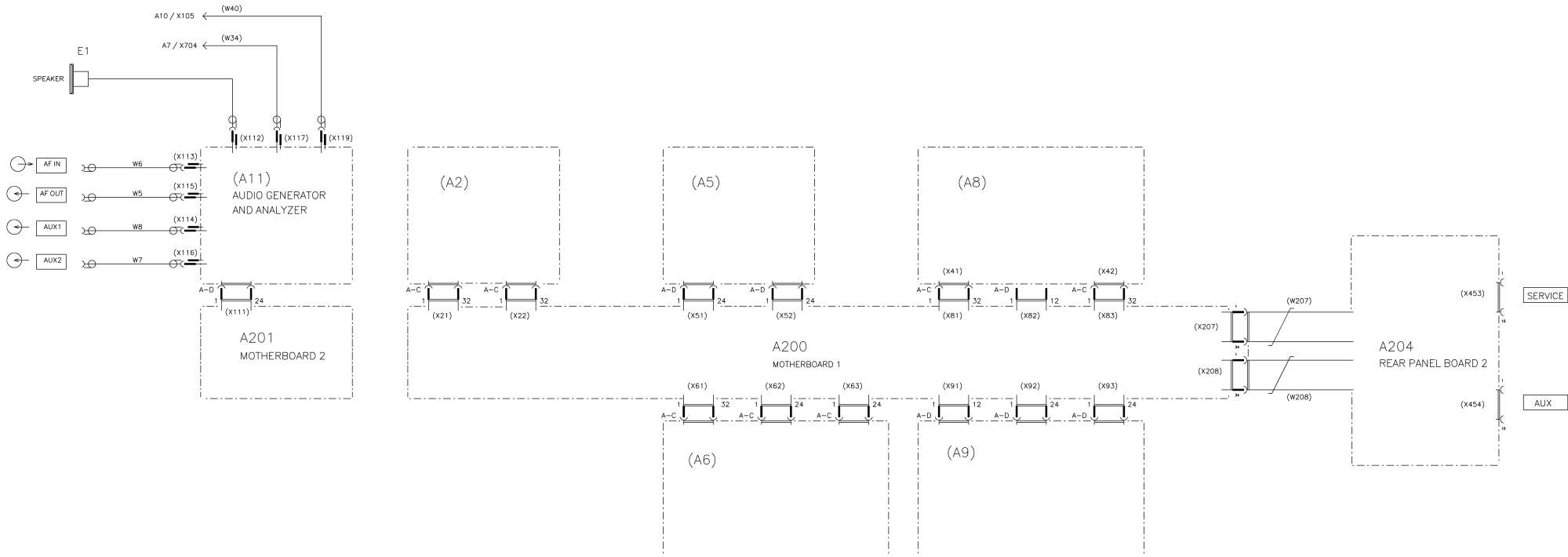
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CIRCUIT DIAGRAM IS VALID FOR MOD. 02/03

ROHDE & SCHWARZ		Benennung: CMU200 UNIV. RADIOCOM. TESTER		Sarthe / Long		Atr / C.L.		Batt. / Sh.	
Type: CMU		Datum: 01-05-17		Abteilung: 1CMK		Name: BERNDT		Zeichn. Nr. / Drawing No.: 05.00	
1:2 used in: 1100.0008.01								TOP / 09-2 1100.0008.01 S	

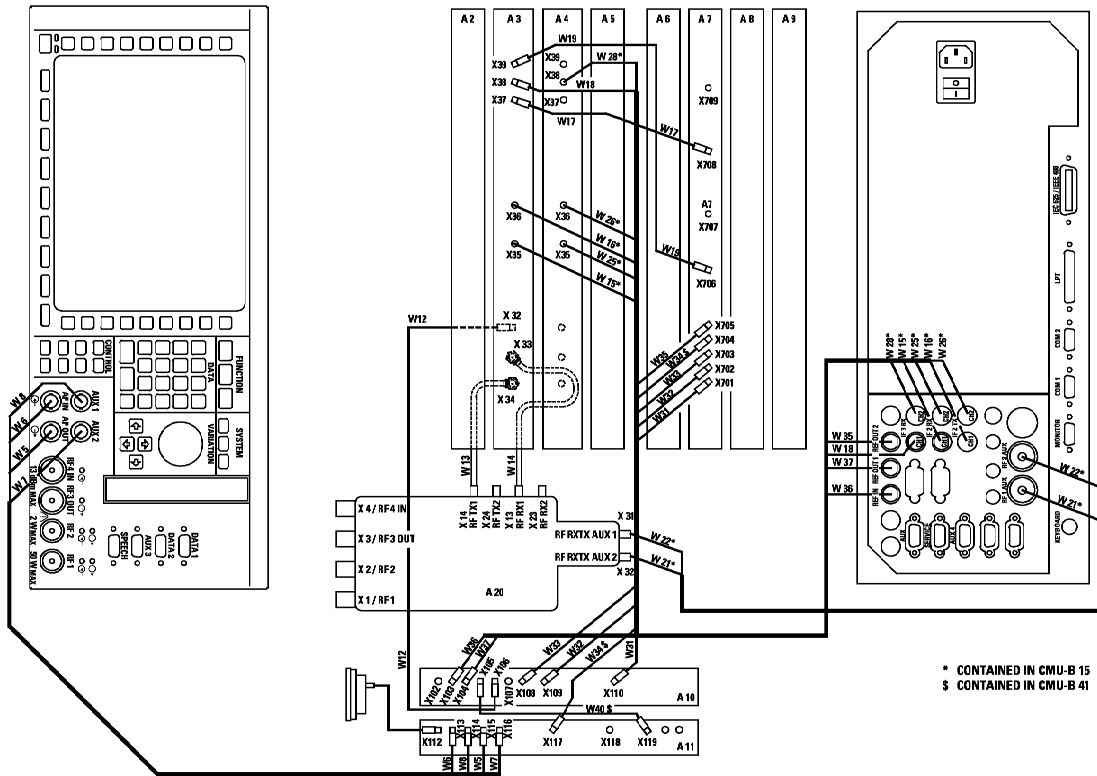
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CIRCUIT DIAGRAM IS VALID FOR MOD. 02/03

ROHDE & SCHWARZ		Benennung: CMU200 UNIV. RADIOCOM. TESTER			Skizze / Long:		Astr. / C.L.:		Blatt. / Sh.:		
Type: CMU		Datum: 01-05-17		Abteilung: 1CMK		Name: BERNDT		Zeichn. Nr. / Drawing No.:		3-	
1100.0008.01								1100.0008.01 S		TOP/10P.3	

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→ auf Lage achten !

1100.0872 DV-07- Deckel (bedr.) 1CMK/No. 11.98 08 ---- 12.00 Wb

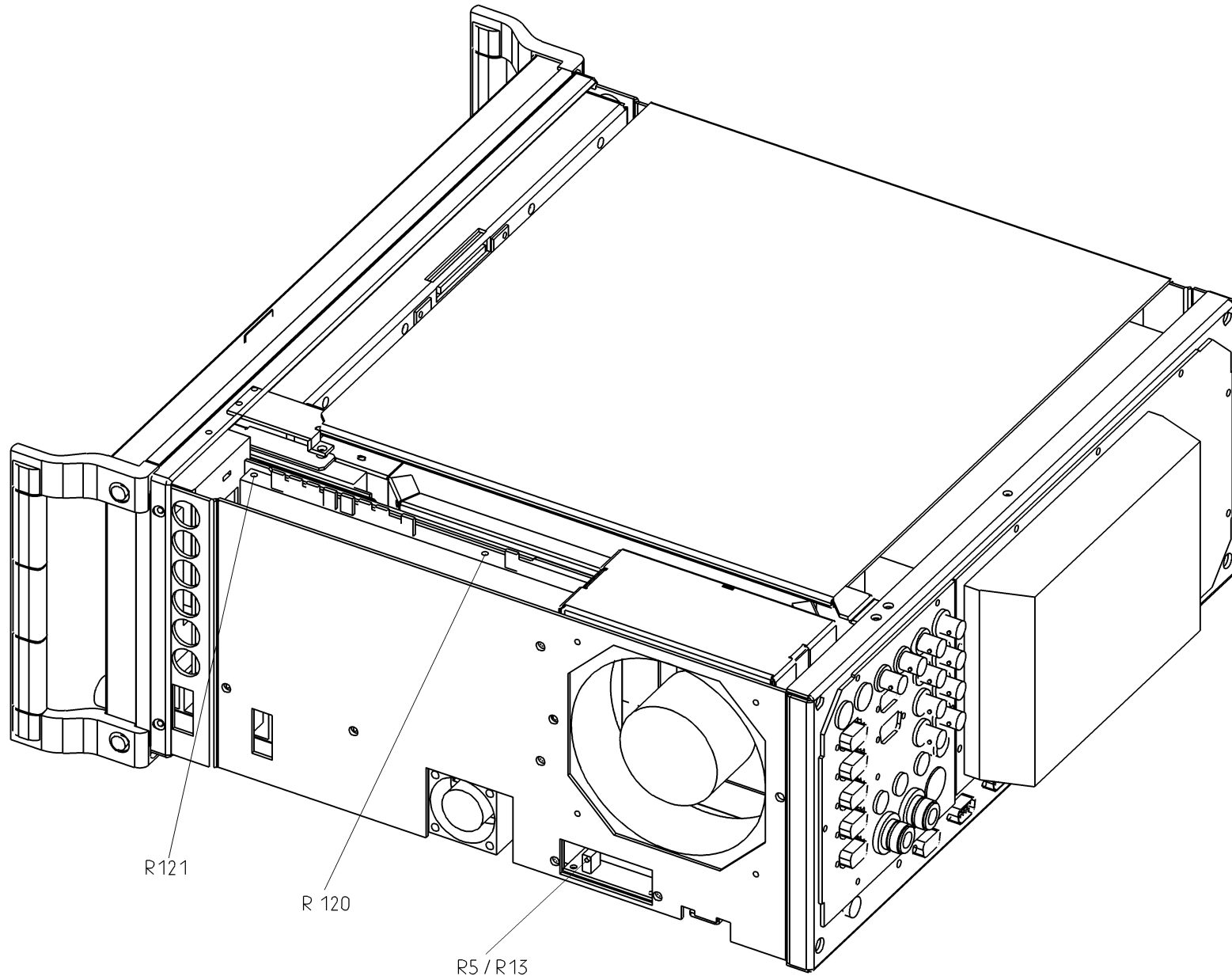
Beschriftung: tiefschwarz WU 002.2823

hierzu Druckvorlage 1100.0872 DV-08-

bearbeitet aus 1091.0657



		Maße ohne Toleranzangabe		Maßstab ohne	
				Halbzeug,Werkstoff	
07	----	09.99	Bi	Datum	Name
08	----	12.00	Bi	Bearb. 11.98	Bi
				Gepr.	
				Norm	
				Benennung Deckel (bedr.)	
				Zeichn.-Nr.	
				1100.0872	
				Blatt-Nr.	
				v. Bl.	
Änd. Index	Änderungs-Mitteilung	Datum	Name	reg. i. V. 1100.0008.00 V erste Z. 1100.0008.01	
				ROHDE & SCHWARZ	
				zu Gerät CMU	




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ISO-Projektion
Methode E

06.00				1CMK	Datum	Name		Benennung	Zeichn.-Nr.	Blatt-Nr.				
				Bearb.	03.05.99	Bi					GG CMU200 UNIV.RADIOCOM.	1100.0008.01	D	3
				Gepr.										
Änd. Index	Änderungs-Mitteilung	Datum	Name	Norm	Plot	zu Gerät	reg.i.V.	erste Z.						

Four digit part numbers have no units. For this document all rights are reserved.

	1	2	3	4	5	6	7	8	9	10	11	12		
A	SHEET 2		SHEET 3		SHEET 4		SHEET 5		SHEET 6		SHEET 7+8		SHEET 9	
B	X10 } X11 } FRONT MODULE X12 } CONTROLLER		X21 } X22 } E1-T1/ DUT-SUPPLY BOARD		X31 RX/TX BOARD 1 X41 RX/TX BOARD 2		X51 } X52 } A/B TEST / IQ-MODDEM0D /LOW FREQ BOARD		X61 } X62 } UNIVERSAL X63 } SIGN. UNIT 2		X71 } X72 } DIGITAL BOARD X73 } X74 } X75 }		X81 } X82 } UNIVERSAL X83 } SIGN. UNIT 1	
C	SHEET 10		SHEET 11		SHEET 12		SHEET 13		SHEET 14		SHEET 15		SHEET 16	
D	X91 } X92 } USU1 CO-PROCESSOR		X93 USU1 CO-PROCESSOR ISA- TERMINATION		X216 } X217 } PC CARD X222 } BUFFERS		X219 FRONT PANEL BOARD X212 OCXO BOARD X218 FLOPPY X215 FRONTEND BOARD		X205 } X206 } REAR PANEL BOARD 1 X207 } X208 } REAR PANEL BOARD 2		X200 ABISSYM 1/2 X209 } X210 } FAN X211 } X220 } X225 }		X223 } X224 } MOTHERBOARD 1 1/2 CONNECTOR X213 } X214 } MOTHERBOARD 2 1/2 CONNECTOR X221 +5VREF	
E	SHEET 17		SHEET 18		SHEET 19		SHEET 20							
F	<u>MOTHERBOARD 2</u> X101 REFERENZ BOARD X111 AUDIO BOARD		<u>REAR PANEL BOARD 1</u> X253 LPT X255 IEC 625 / IEEE 488 X250 MONITOR X252 COM 1 X251 COM 2 X254 KEYBOARD		<u>FRONT PANEL BOARD</u> X303 AUX 3 X304 SPEECH X301 DATA 1 X302 DATA 2		<u>REAR PANEL BOARD 2</u> X451 SERVICE X450 AUX X452 AUX 4 X453 I/Q 1 X454 I/Q 2				X201 } X202 } ABISASYM2 X203 } X204 } ABISASYM1 X110 POWER SUPPLY		<p>Eindende Angaben ueber Varianten, Trimmwerte, Bauteile und nicht bestueckte Bauteile siehe SA.</p> <p>FOR BINDING INFORMATION ON MODELS, TRIMMING AND COMPONENTS VALUES AND NON-FITTED COMPONENTS SEE PARTS LIST</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;">  <p>ACHTUNG: EGB ! ELEKTROSTATISCH GEFAHRLICHE BANDLEITERE SPERRUNG BESONDERE HANDLUNG. ATTENTION ESD ! ELECTROSTATIC SENSITIVE DEVICES REQUIRE A SPECIAL HANDLING</p> </div>	
	1	2	3	4	5	6	7	8	9	10	11	12		

ROHDE & SCHWARZ		Benennung: MOTHERBOARD		Sprache: / Lang: DE		Anz. / C.I.: 02.01		Blatt / Sh.: 1+	
Typ: CMU		Datum: 00-02-16		Abteilung: 1CMK		Name: KRAETSCH		Zeichn. Nr.: / Drawing No.: 1100.0908.01 S	
1. Z.: 1100.0008.01								TOP/TOP-1	

CONNECTOR DEFINITIONS MB1

COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET
FRONT MODUL CONTROLLER 			FRONT MODUL CONTROLLER 			FRONT MODUL CONTROLLER 			FRONT MODUL CONTROLLER 		
X10 A1 OSC (3/86.5/86) X10 A2 DACK7 (5/80) X10 A3 DACK6 (5/80) X10 A4 DACK5 (5/80) X10 A5 DACK0 (5/80) X10 A6 DRQ7 (5/80) X10 A7 DRQ6 (5/80) X10 A8 DRQ5 (5/80) X10 A9 DRQ0 (5/80) X10 A10 IRO15 (3/86.5/86/106.12/78) X10 A11 IRO14 (3/86.5/86/106.12/78) X10 A12 IRO12 (5/80/8/8/106.12/78) X10 A13 IRO11 (3/86.5/86/106.12/78) X10 A14 IRO10 (5/80/8/8/106.12/78) X10 A15 SMEMW (3/86.5/86/11/20.11/110) X10 A16 SMEMR (3/86.5/86/11/20.11/110) X10 A17 SMEMR (8/86.5/86/11/20.11/110) X10 A18 SMEMR (8/86.5/86/11/20.11/110) X10 A19 SMEMR (8/86.5/86/11/20.11/110) X10 A20 SMEMR (8/86.5/86/11/20.11/110) X10 A21 SMEMR (8/86.5/86/11/20.11/110) X10 A22 SMEMR (8/86.5/86/11/20.11/110) X10 A23 SMEMR (8/86.5/86/11/20.11/110) X10 A24 SMEMR (8/86.5/86/11/20.11/110)			X10 C1 MASTER MEMCS16 (3/86.5/86) X10 C2 (5/100.11/50.12/70) X10 C3 SD14 (3/86.5/86) X10 C4 SD12 (5/80/8/8/106.12/78) X10 C5 SD10 (5/80/8/8/106.12/78) X10 C6 SD8 (5/80/8/8/106.12/78) X10 C7 DACK2 (3/86.5/86/106.12/78) X10 C8 IRO6 (3/86.5/86/106.12/78) X10 C9 IRO4 (5/100.11/50.12/70) X10 C10 LA23 (5/100.11/50.12/70) X10 C11 LA21 (5/100.11/50.12/70) X10 C12 LA19 (5/100.11/50.12/70) X10 C13 LA17 (5/100.11/50.12/70) X10 C14 SA18 (3/86.5/86/11/20.11/110) X10 C15 SA16 (3/86.5/86/11/20.11/110) X10 C16 SA14 (3/86.5/86/11/20.11/110) X10 C17 SA12 (3/86.5/86/11/20.11/110) X10 C18 SA10 (3/86.5/86/11/20.11/110) X10 C19 SA8 (3/86.5/86/11/20.11/110) X10 C20 SA6 (3/86.5/86/11/20.11/110) X10 C21 SA4 (3/86.5/86/11/20.11/110) X10 C22 SA2 (3/86.5/86/11/20.11/110) X10 C23 SA0 (3/86.5/86/11/20.11/110) X10 C24 MEMW (5/100.11/50.12/70)			X12 A1 GREEN (14/2F/14/50) X12 A2 RED (14/2F/14/50) X12 A3 HSYNC (14/2F/14/50) X12 A4 VSYNC (14/2F/14/50) X12 A5 OT (15/118) X12 A6 BIU (n.c.) X12 A7 BIU (n.c.) X12 A8 STBREL (n.c.) X12 A9 STBREL (n.c.) X12 A10 STBREL (n.c.) X12 A11 STBREL (n.c.) X12 A12 STBREL (n.c.) X12 A13 STBREL (n.c.) X12 A14 STBREL (n.c.) X12 A15 IRO18 (8/100) X12 A16 IRO19 (8/100) X12 A17 IRO19 (8/100) X12 A18 IRO17 (8/100) X12 A19 IRO17 (8/100) X12 A20 IRO16 (8/100) X12 A21 IRO16 (8/100) X12 A22 IRO16 (8/100) X12 A23 IRO16 (8/100) X12 A24 IRO16 (8/100) X12 B1 BLUE (14/2F/14/50) X12 B2 GDC01 (14/50) X12 B3 RTS1 (14/50) X12 B4 DTR1 (14/50) X12 B5 PE (14/20) X12 B6 PD7 (14/20) X12 B7 PD4 (14/20) X12 B8 PD2 (14/20) X12 B9 ERR (14/20) X12 B10 STB (14/20) X12 B11 IFC (14/20) X12 B12 STB (14/20) X12 B13 D3 (14/28) X12 B14 D6 (14/28) X12 B15 DD (14/28) X12 B16 DSR2 (14/50) X12 B17 TXD2 (14/50) X12 B18 RIZ (14/50) X12 B19 KEYCLK (14/50) X12 B20 IEX (13/80) X12 B21 MO2 (13/80) X12 B22 WP (13/80) X12 B23 WP (13/80) X12 B24 ONOFF (15/80) X11 A1 +5.2V X11 A2 +5.2V X11 A3 +5.2V X11 A4 +5.2V X11 A5 +5.2V X11 A6 +5.2V X11 A7 +5.2V X11 A8 +5.2V X11 A9 +5.2V X11 A10 +5.2V X11 A11 +5.2V X11 A12 +5.2V X11 A13 +5.2V X11 A14 +5.2V X11 A15 +5.2V X11 A16 +5.2V X11 A17 +5.2V X11 A18 +5.2V X11 A19 +5.2V X11 A20 +5.2V X11 A21 +5.2V X11 A22 +5.2V X11 A23 +5.2V X11 A24 +5.2V X11 B1 -12V X11 B2 -12V X11 B3 -12V X11 B4 -12V X11 B5 -12V X11 B6 -12V X11 B7 -12V X11 B8 -12V X11 B9 -12V X11 B10 -12V X11 B11 -12V X11 C1 +12V X11 C2 +12V X11 C3 +12V X11 C4 +12V X11 C5 +12V X11 C6 +12V X11 C7 +12V X11 C8 +12V X11 C9 +12V X11 C10 +12V X11 C11 +12V X11 C12 +12V X11 C13 +12V X11 C14 +12V X11 C15 +12V X11 C16 +12V X11 C17 +12V X11 C18 +12V X11 C19 +12V X11 C20 +12V X11 C21 +12V X11 C22 +12V X11 C23 +12V X11 C24 +12V X11 D1 +5.2V X11 D2 +5.2V X11 D3 +5.2V X11 D4 +5.2V X11 D5 +5.2V X11 D6 +5.2V X11 D7 +5.2V X11 D8 +5.2V X11 D9 +5.2V X11 D10 +5.2V X11 D11 +5.2V X11 D12 +5.2V X11 D13 +5.2V X11 D14 +5.2V X11 D15 +5.2V X11 D16 +5.2V X11 D17 +5.2V X11 D18 +5.2V X11 D19 +5.2V X11 D20 +5.2V X11 D21 +5.2V X11 D22 +5.2V X11 D23 +5.2V X11 D24 +5.2V X11 E1 +5.2V X11 E2 +5.2V X11 E3 +5.2V X11 E4 +5.2V X11 E5 +5.2V X11 E6 +5.2V X11 E7 +5.2V X11 E8 +5.2V X11 E9 +5.2V X11 E10 +5.2V X11 E11 +5.2V X11 E12 +5.2V X11 E13 +5.2V X11 E14 +5.2V X11 E15 +5.2V X11 E16 +5.2V X11 E17 +5.2V X11 E18 +5.2V X11 E19 +5.2V X11 E20 +5.2V X11 E21 +5.2V X11 E22 +5.2V X11 E23 +5.2V X11 E24 +5.2V X11 E25 +5.2V					

Four class 10kOhm resistors are used as pull-ups. For this document all rights are reserved.

ROHDE & SCHWARZ Typ: CMU 1:2: 1100.0008.01 1:2: 1100.0008.01		Benennung: MOTHERBOARD Datum: 00-02-16 Abteilung: 1CMK Name: KRAETSCH		Sprache / Long: DE Anr. / C.I.: 02.01 Blatt / Sh.: 2+		Zeichn. Nr.: 1100.0908.01 S top/top-2	
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CONNECTOR DEFINITIONS MB1

COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET
RX/TX BOARD 1			RX/TX BOARD 1			RX/TX BOARD 2			RX/TX BOARD 2		
X31_41	A1	(3/28.4/88.5/28.6/28.7/28) (9/28.10/88.13/118.16/28)	X31_41	A1	ADRCOD1 ADRCOD2 SA0 SA1 SA2 SA3 SA4 SA5 SA6 SA7 SA8 SA9 SA10 SA11 SA12 SA13 SA14 SA15 SA16 SA17 SA18 SA19 SA20 SA21 SA22 SA23 SA24 AEN SD0 SD1 SD2 SD3 SD4 SD5 SD6 SD7 SMEMR SMEMW RESDRV IOCHRDY RXTX1KUPIRD RXTX1KUPRESET RXTX1PPOWERSTRB RXTX1SPDRV RXTX1SDITXD RXTX1POWERINT RXTX1NCOTX	X41_41	A1	(3/28.4/28.5/28.6/28.7/28) (9/28.10/88.13/118.16/28)	X41_41	A1	ADRCOD1 ADRCOD2 SA0 SA1 SA2 SA3 SA4 SA5 SA6 SA7 SA8 SA9 SA10 SA11 SA12 SA13 SA14 SA15 SA16 SA17 SA18 SA19 SA20 SA21 SA22 SA23 SA24 AEN SD0 SD1 SD2 SD3 SD4 SD5 SD6 SD7 SMEMR SMEMW RESDRV IOCHRDY RXTX2KUPIRD RXTX2KUPRESET RXTX2PPOWERSTRB RXTX2SPDRV RXTX2SDITXD RXTX2POWERINT RXTX2NCOTX
X31_42	A2		X31_42	A2		X41_42	A2		X41_42	A2	
X31_43	A3		X31_43	A3		X41_43	A3		X41_43	A3	
X31_44	A4		X31_44	A4		X41_44	A4		X41_44	A4	
X31_45	A5		X31_45	A5		X41_45	A5		X41_45	A5	
X31_46	A6		X31_46	A6		X41_46	A6		X41_46	A6	
X31_47	A7		X31_47	A7		X41_47	A7		X41_47	A7	
X31_48	A8		X31_48	A8		X41_48	A8		X41_48	A8	
X31_49	A9		X31_49	A9		X41_49	A9		X41_49	A9	
X31_410	A10		X31_410	A10		X41_410	A10		X41_410	A10	
X31_411	A11		X31_411	A11		X41_411	A11		X41_411	A11	
X31_412	A12		X31_412	A12		X41_412	A12		X41_412	A12	
X31_413	A13		X31_413	A13		X41_413	A13		X41_413	A13	
X31_414	A14		X31_414	A14		X41_414	A14		X41_414	A14	
X31_415	A15		X31_415	A15		X41_415	A15		X41_415	A15	
X31_416	A16		X31_416	A16		X41_416	A16		X41_416	A16	
X31_417	A17		X31_417	A17		X41_417	A17		X41_417	A17	
X31_418	A18		X31_418	A18		X41_418	A18		X41_418	A18	
X31_419	A19		X31_419	A19		X41_419	A19		X41_419	A19	
X31_420	A20		X31_420	A20		X41_420	A20		X41_420	A20	
X31_421	A21		X31_421	A21		X41_421	A21		X41_421	A21	
X31_422	A22		X31_422	A22		X41_422	A22		X41_422	A22	
X31_423	A23		X31_423	A23		X41_423	A23		X41_423	A23	
X31_424	A24		X31_424	A24		X41_424	A24		X41_424	A24	
X31_B1	B1	(13/114) (13/114) (7/80) (5/26.7/80.10/80) (5/26.10/80) (13/114) (7/80) (7/58) (13/26.7/58) (7/58) (7/58) (7/58) (14/118) (8/100) (7/58) (7/58) (7/58) (7/58) (7/58) (7/58) (7/58) (7/58) (7/58) (7/58) (7/58) (7/58) (7/58) (7/58)	X31_B1	B1	X41_B1	B1	X41_B1	B1			
X31_B2	B2		X31_B2	B2	X41_B2	B2	X41_B2	B2			
X31_B3	B3		X31_B3	B3	X41_B3	B3	X41_B3	B3			
X31_B4	B4		X31_B4	B4	X41_B4	B4	X41_B4	B4			
X31_B5	B5		X31_B5	B5	X41_B5	B5	X41_B5	B5			
X31_B6	B6		X31_B6	B6	X41_B6	B6	X41_B6	B6			
X31_B7	B7		X31_B7	B7	X41_B7	B7	X41_B7	B7			
X31_B8	B8		X31_B8	B8	X41_B8	B8	X41_B8	B8			
X31_B9	B9		X31_B9	B9	X41_B9	B9	X41_B9	B9			
X31_B10	B10		X31_B10	B10	X41_B10	B10	X41_B10	B10			
X31_B11	B11		X31_B11	B11	X41_B11	B11	X41_B11	B11			
X31_B12	B12		X31_B12	B12	X41_B12	B12	X41_B12	B12			
X31_B13	B13		X31_B13	B13	X41_B13	B13	X41_B13	B13			
X31_B14	B14		X31_B14	B14	X41_B14	B14	X41_B14	B14			
X31_B15	B15		X31_B15	B15	X41_B15	B15	X41_B15	B15			
X31_B16	B16		X31_B16	B16	X41_B16	B16	X41_B16	B16			
X31_B17	B17		X31_B17	B17	X41_B17	B17	X41_B17	B17			
X31_B18	B18		X31_B18	B18	X41_B18	B18	X41_B18	B18			
X31_B19	B19		X31_B19	B19	X41_B19	B19	X41_B19	B19			
X31_B20	B20		X31_B20	B20	X41_B20	B20	X41_B20	B20			
X31_B21	B21		X31_B21	B21	X41_B21	B21	X41_B21	B21			
X31_B22	B22		X31_B22	B22	X41_B22	B22	X41_B22	B22			
X31_B23	B23		X31_B23	B23	X41_B23	B23	X41_B23	B23			
X31_B24	B24		X31_B24	B24	X41_B24	B24	X41_B24	B24			

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ROHDE & SCHWARZ		Benennung: MOTHERBOARD		Sprache / Long: DE		Anz. / C1: 02.01		Blatt / Sh: 4+	
Typ: CMU		Datum: 00-02-16		Abteilung: 1CMK		Name: KRAETSCH		Zeichn. Nr. / Drawing No.: 1100.0908.01 S	
1.2.1100.0008.01								top/TOP-4	

CONNECTOR DEFINITIONS MB1

COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET
A/B TEST / IQ-MODDEMOM / LOW FREQ BOARD 			A/B TEST / IQ-MODDEMOM / LOW FREQ BOARD 			A/B TEST / IQ-MODDEMOM / LOW FREQ BOARD 			A/B TEST / IQ-MODDEMOM / LOW FREQ BOARD 		

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ROHDE & SCHWARZ		Benennung: MOTHERBOARD		Sprache / Lang: DE	Anz. / C1.: 02.01	Blatt / Sh.: 5+
Typ: CMU	Datum: 00-02-16	Abteilung: 1CMK	Name: KRAETSCH	Zeichn. Nr.: 1100.0908.01 S		
1. Z.: 1100.0008.01	top_top-5					

CONNECTOR DEFINITIONS MB1

COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET
DIGITAL BOARD			DIGITAL BOARD			DIGITAL BOARD			DIGITAL BOARD		
X72 A1	+5VREF	(3/28/4/28/4/88.5/88.6/28)	X72 C1			X73 A1	LH1DD0	(6/80)	X74 C1	LH2DD0	(6/80)
X72 A2			X72 C2			X73 A2	LH1DD1	(6/80)	X74 C2	LH2DD1	(6/80)
X72 A3	+3.3V	(9/28/18/88.13/118.16/28)	X72 C3	RXTX1CLK	(4/20)	X73 A3	LH1DD2	(6/80)	X74 C3	LH2DD2	(6/80)
X72 A4			X72 C4	RXTX1DCDATA	(4/20)	X73 A4	LH1DD3	(6/80)	X74 C4	LH2DD3	(6/80)
X72 A5	+5.2V		X72 C5	RXTX1TXSET	(3/20/4/20)	X73 A5	LH1DD4	(6/80)	X74 C5	LH2DD4	(6/80)
X72 A6			X72 C6	RXTX1RXSET	(4/20)	X73 A6	LH1DD5	(6/80)	X74 C6	LH2DD5	(6/80)
X72 A7			X72 C7	RXTX1RXSETACK	(4/20)	X73 A7	LH1DD6	(6/80)	X74 C7	LH2DD6	(6/80)
X72 A8			X72 C8	RXTX1TXSETACK	(4/20)	X73 A8	LH1DD7	(6/80)	X74 C8	LH2DD7	(6/80)
X72 A9	+3.3V		X72 C9	RXTX1STEPCLK	(4/20)	X73 A9	LH1DD8	(6/80)	X74 C9	LH2DD8	(6/80)
X72 A10			X72 C10	RXTX1DCFRAME	(4/20)	X73 A10	LH1DD9	(6/80)	X74 C10	LH2DD9	(6/80)
X72 A11	+12V		X72 C11	RXTX1TXSET	(4/20)	X73 A11	LH1DD10	(6/80)	X74 C11	LH2DD10	(6/80)
X72 A12			X72 C12	RXTX1DCDATA	(4/20)	X73 A12	LH1DD11	(6/80)	X74 C12	LH2DD11	(6/80)
X72 A13	-1.2V		X72 C13	RXTX2CLK	(4/80)	X73 A13	LH1DD12	(6/80)	X74 C13	LH2DD12	(6/80)
X72 A14			X72 C14	RXTX2DCDATA	(4/80)	X73 A14	LH1DD13	(6/80)	X74 C14	LH2DD13	(6/80)
X72 A15	+6V		X72 C15	RXTX2TXSET	(3/20/4/20)	X73 A15	LH1DD14	(6/80)	X74 C15	LH2DD14	(6/80)
X72 A16			X72 C16	RXTX2RXSET	(4/80)	X73 A16	LH1DD15	(6/80)	X74 C16	LH2DD15	(6/80)
X72 A17	PROGNETCLK	(3/20/3/20)	X72 C17	RXTX2DCFRAME	(4/80)	X73 A17	LH1DD16	(6/80)	X74 C17	LH2DD16	(6/80)
X72 A18			X72 C18	RXTX2TXSETACK	(4/80)	X73 A18	LH1DD17	(6/80)	X74 C18	LH2DD17	(6/80)
X72 A19	LH1DI0CLK	(6/80)	X72 C19	RXTX2RXSETACK	(4/80)	X73 A19	LH1DD18	(6/80)	X74 C19	LH2DD18	(6/80)
X72 A20	LH1NETCLK	(9/80/16/100)	X72 C20	RXTX2TXSETACK	(4/80)	X73 A20	LH1DD19	(6/80)	X74 C20	LH2DD19	(6/80)
X72 A21			X72 C21	RXTX2STEPCLK	(4/80)	X73 A21	LH1DD20	(6/80)	X74 C21	LH2DD20	(6/80)
X72 A22	LH2DI0CLK	(6/80)	X72 C22	RXTX2DCFRAME	(4/80)	X73 A22	LH1DD21	(6/80)	X74 C22	LH2DD21	(6/80)
X72 A23	LH2NETCLK	(6/80)	X72 C23	RXTX2DCDATA	(4/80)	X73 A23	LH1DD22	(6/80)	X74 C23	LH2DD22	(6/80)
X72 A24			X72 C24			X73 A24	LH1DD23	(6/80)	X74 C24	LH2DD23	(6/80)
X72 B1			X72 D1			X73 B1			X74 D1		
X72 B2	DIAGNOSE	(3/20/3/20/6/100/9/100/10/80)	X72 D2	RXTX1POWERSTRB	(4/80)	X73 B2	LH1SERCLK	(6/80)	X74 D2	LH2SERCLK	(6/20)
X72 B3			X72 D3	RXTX1KUPRESET	(4/80)	X73 B3	LH1SERLDDATA	(6/20)	X74 D3	LH2SERLDDATA	(6/20)
X72 B4	+3.3V	(13/11/16/20)	X72 D4	RXTX1KUPRESET	(4/80)	X73 B4	LH1SERLDFRAME	(6/20)	X74 D4	LH2SERLDFRAME	(6/20)
X72 B5			X72 D5	RXTX1KUPIREQ	(4/80)	X73 B5	LH1SERLDDATA	(6/20)	X74 D5	LH2SERLDDATA	(6/20)
X72 B6	+5.2V		X72 D6	RXTX2POWERSTRB	(4/110)	X73 B6	LH1RXSET	(6/20)	X74 D6	LH2RXSET	(6/20)
X72 B7			X72 D7	RXTX2KUPRESET	(4/110)	X73 B7	LH1RXSET	(6/20)	X74 D7	LH2RXSET	(6/20)
X72 B8	+3.3V		X72 D8	RXTX2KUPIREQ	(4/110)	X73 B8	LH1RXSET	(6/20)	X74 D8	LH2RXSET	(6/20)
X72 B9			X72 D9	RXTX2KUPIREQ	(4/110)	X73 B9	LH1RXSET	(6/20)	X74 D9	LH2RXSET	(6/20)
X72 B10			X72 D10	LH1CSOPRAM	(9/100)	X73 B10	LH1RXSET	(6/20)	X74 D10	LH2RXSET	(6/20)
X72 B11	AUX12CSDA	(3/20/5/20/10/80/14/110)	X72 D11	LH1CSOPRAM	(9/100)	X73 B11	LH1RXSET	(6/20)	X74 D11	LH2RXSET	(6/20)
X72 B12	AUX12CSCL	(3/20/5/20/10/80/14/110)	X72 D12	LH1CSCHCONTROL	(9/100)	X73 B12	LH1RXSET	(6/20)	X74 D12	LH2RXSET	(6/20)
X72 B13			X72 D13	LH1DRVENABLE	(9/100)	X73 B13	LH1RXSET	(6/20)	X74 D13	LH2RXSET	(6/20)
X72 B14	FED2CSDA	(13/110)	X72 D14	LH1DRVDIR	(9/100)	X73 B14	RXTX1DCFRAME	(4/80)	X74 D14	RXTX2DCFRAME	(4/80)
X72 B15	FED2CSCL	(13/110)	X72 D15	LH1LHINT	(9/100)	X73 B15	RXTX1DCFRAME	(4/80)	X74 D15	RXTX2DCFRAME	(4/80)
X72 B16			X72 D16	LH2CSOPRAM	(6/100)	X73 B16	LH1SERV02	(6/20)	X74 D16	LH2SERV02	(6/20)
X72 B17	ADVIN	(13/110)	X72 D17	LH2CSCHCONTROL	(6/100)	X73 B17	LH1SERV01	(6/20)	X74 D17	LH2SERV01	(6/20)
X72 B18	ADSCAL	(13/110)	X72 D18	LH2DRVENABLE	(6/100)	X73 B18	LH1SERV01	(6/20)	X74 D18	LH2SERV01	(6/20)
X72 B19	ADSDATA	(13/110)	X72 D19	LH2DRVDIR	(6/100)	X73 B19	LH1SERV01	(6/20)	X74 D19	LH2SERV01	(6/20)
X72 B20	ADSCAL	(13/110)	X72 D20	LH2LHINT	(6/100)	X73 B20	LH1SERV01	(6/20)	X74 D20	LH2SERV01	(6/20)
X72 B21	ADRDY	(13/110)	X72 D21	POWERINT	(6/100/9/100/15/110)	X73 B21	LH1SERV01	(6/20)	X74 D21	LH2SERV01	(6/20)
X72 B22	ADCS	(13/110)	X72 D22	LH2SIGNAL	(3/20/4/100)	X73 B22	LH1SERV01	(6/20)	X74 D22	LH2SERV01	(6/20)
X72 B23	ADCONV	(13/110)	X72 D23			X73 B23	LH1SERV01	(6/20)	X74 D23	LH2SERV01	(6/20)
X72 B24			X72 D24			X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 A1	EXTIBUS11		X71 C1			X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 A2	EXTIBUS10		X71 C2	RXTX1NCORX	(4/80)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 A3	EXTIBUS9		X71 C3	RXTX1NCOTX	(4/80)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 A4	EXTIBUS8		X71 C4	RXTX2NCORX	(4/110)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 A5	EXTIBUS7		X71 C5	RXTX2NCOTX	(4/110)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 A6	EXTIBUS6		X71 C6			X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 A7	EXTIBUS5		X71 C7	LEDRF1OUT	(13/88)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 A8	EXTIBUS4		X71 C8	LEDRF1IN	(13/88)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 A9	EXTIBUS3		X71 C9	LEDRF2OUT	(13/88)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 A10	EXTIBUS2		X71 C10	LEDRF2IN	(13/88)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 A11	EXTIBUS1		X71 C11	LEDRF3OUT	(13/88)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 A12	EXTIBUS1		X71 C12	LEDRF4IN	(13/88)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 B1	EXTIBUS14		X71 C13			X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 B2	EXTIBUS13		X71 C14	SK000	(16/80)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 B3	EXTIBUS12		X71 C15	SR000	(16/80)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 B4			X71 C16	ST000	(16/80)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 B5			X71 C17	SC010	(16/80)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 B6			X71 C18	SC010	(16/80)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 B7			X71 C19	SC020	(16/80)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 B8			X71 C20	SC010	(16/80)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 B9			X71 C21	SRD10	(16/80)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 B10			X71 C22	ST010	(16/80)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 B11			X71 C23	SC100	(16/80)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 B12	FANSPEED	(15/20)	X71 C24	SC110	(16/80)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)
X71 B12			X71 C25	SC120	(16/80)	X73 B24	LH1SERV01	(6/20)	X74 D24	LH2SERV01	(6/20)

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ROHDE & SCHWARZ				Benennung: MOTHERBOARD				Sprache / Long: DE		Blatt / Sh.: 02.01 / 7+	
Typ: CMU		Datum: 00-02-16		Abteilung: 1CMK		Name: KRAETSCH		Zeichn. Nr. / Drawing No.: 1100.0908.01 S			
1.2.1100.0008.01								top/Top-7			

CONNECTOR DEFINITIONS MB1

COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET
UNIVERSAL SIGN. UNIT 1 			UNIVERSAL SIGN. UNIT 1 			UNIVERSAL SIGN. UNIT 1 			UNIVERSAL SIGN. UNIT 1 		

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ROHDE & SCHWARZ				Benennung: MOTHERBOARD		Sprache / Long: DE		Anz. / C.I.: 02.01		Blatt / Sh.: 9+	
Typ: CMU		Datum: 00-02-16		Abteilung: 1CMK		Name: KRAETSCH		Zeichn. Nr. / Drawing No.: 1100.0008.01 S			
1. Z.: 1100.0008.01								top TOP-g			

CONNECTOR DEFINITIONS MB1

ISA-TERMINATION

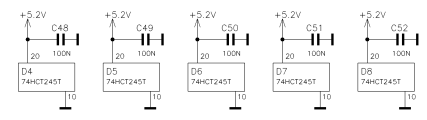
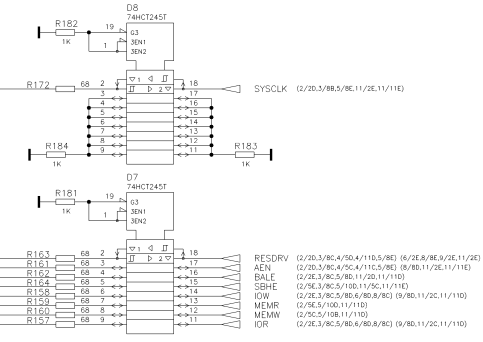
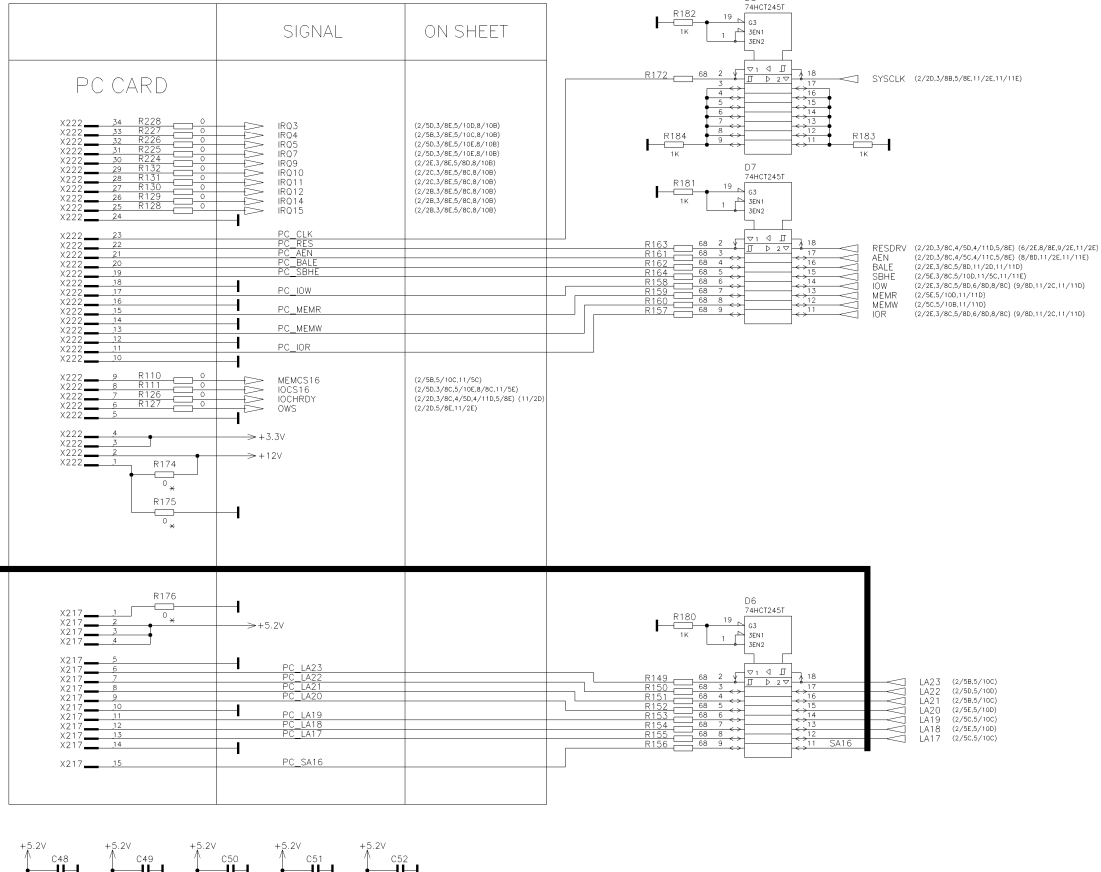
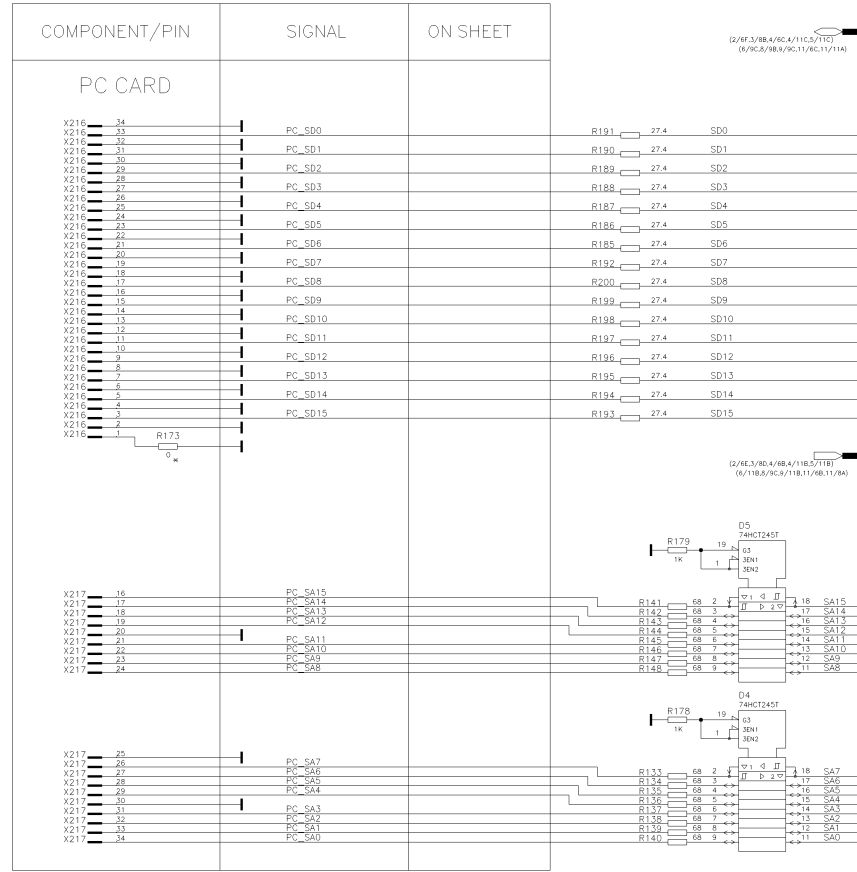
COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET
USU1 CO-PROCESSOR 			USU1 CO-PROCESSOR 		
X93 A1	+12V		X93 C1	SA0	(2/8E3/80.4/88.4/118.5/118)
X93 A2	+12V		X93 C2	SA2	(6/118.8/90.9/118.1/18.12/80)
X93 A3	+5.2V	C205	X93 C3	SA4	
X93 A4	+5.2V	C205	X93 C4	SA6	
X93 A5			X93 C5	SA8	
X93 A6			X93 C6	SA10	
X93 A7			X93 C7	SA12	
X93 A8			X93 C8	SA14	
X93 A9			X93 C9	SA16	
X93 A10	SMEMR	(2/20.3/90.4/50.4/110.5/80)	X93 C10	SA18	
X93 A11	SMEMW	(6/88.8/80.9/80.1/118)	X93 C11	SA19	
X93 A12			X93 C12	SDB	(2/8F.3/88.4/80.4/110.5/110)
X93 A13			X93 C13	SBHE	(6/90.9/90.9/90.1/11.12/84)
X93 A14			X93 C14	SA1	(2/98.5/100.12/70)
X93 A15			X93 C15	SA2	
X93 A16			X93 C16	SA3	
X93 A17			X93 C17	SA4	
X93 A18			X93 C18	SA5	
X93 A19			X93 C19	SA6	
X93 A20			X93 C20	SA7	
X93 A21	IOR	(2/20.3/90.4/50.4/110.5/80)	X93 C21	SA8	
X93 A22	IOW	(6/88.8/80.9/80.1/118)	X93 C22	SA9	
X93 A23	BALE	(9/80.1/110.12/118)	X93 C23	SA10	
X93 A24			X93 C24	SA11	
X93 B1			X93 C25	SA12	
X93 B2			X93 C26	SA13	
X93 B3			X93 C27	SA14	
X93 B4			X93 C28	SA15	
X93 B5			X93 C29	SA16	
X93 B6			X93 C30	SA17	
X93 B7			X93 C31	SA18	
X93 B8			X93 C32	SA19	
X93 B9			X93 C33	SA19	
X93 B10	SD0		X93 C34	SA19	
X93 B11	SD1		X93 C35	SA19	
X93 B12	SD2		X93 C36	SA19	
X93 B13	SD3		X93 C37	SA19	
X93 B14	SD4		X93 C38	SA19	
X93 B15	SD5		X93 C39	SA19	
X93 B16	SD6		X93 C40	SA19	
X93 B17	SD7		X93 C41	SA19	
X93 B18			X93 C42	SA19	
X93 B19	IOCHRDY	(2/20.3/90.4/50.4/110.5/80)	X93 C43	SA19	
X93 B20	AEN	(12/70)	X93 C44	SA19	
X93 B21	RESDRV	(2/20.3/90.4/50.4/110.5/80)	X93 C45	SA19	
X93 B22	OWS	(6/80.1/110.12/118)	X93 C46	SA19	
X93 B23			X93 C47	SA19	
X93 B24	SYSCLK	(2/20.3/88.5/80.1/110.12/118)	X93 C48	SA19	
			X93 C49	SA19	
			X93 C50	SA19	
			X93 C51	SA19	
			X93 C52	SA19	
			X93 C53	SA19	
			X93 C54	SA19	
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			X93 C197	SA19	
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			X93 C199	SA19	
			X93 C200	SA19	



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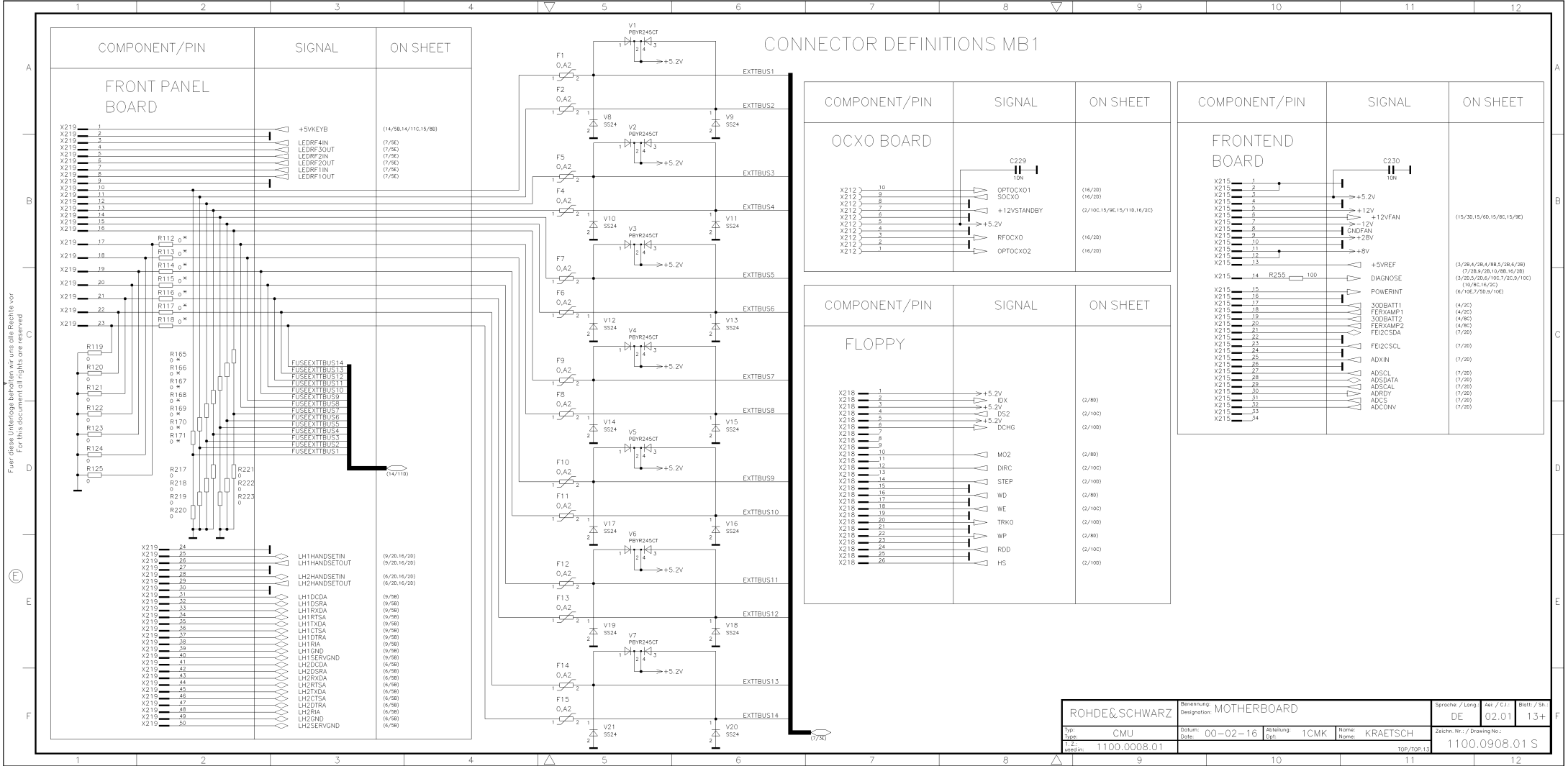
ROHDE & SCHWARZ		Benennung: MOTHERBOARD		Sprache / Lang: DE		Anz. / Cl.: 02.01		Blatt / Sh.: 11+	
Typ: CMU		Datum: 00-02-16		Abteilung: 1CMK		Name: KRAETSCH		Zeichn. Nr.: 1100.0908.01 S	
1. Z.: 1100.0008.01								10P/20P.1	

CONNECTOR DEFINITIONS MB1



ROHDE & SCHWARZ		Benennung: MOTHERBOARD		Sprache / Long: DE		Anz. / Cl.: 02.01		Blatt / Sh.: 12+	
Typ: CMU		Datum: 00-02-16		Abteilung: 1CMK		Name: KRAETSCH		Zeichn. Nr. / Drawing No.: 1100.0908.01 S	
1. Z.: 1100.0008.01		Date: 00-02-16		Dpt: 1CMK		Name: KRAETSCH		10P/20P.12	

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CONNECTOR DEFINITIONS MB1

COMPONENT/PIN	SIGNAL	ON SHEET
X210 10	OPTOCX01	(16/20)
X210 9	SOX0	(16/20)
X210 8	+12VSTANDBY	(2/100,15/96,15/110,16/20)
X210 7	+5.2V	
X210 6	+5.2V	
X210 5	RF0CX0	(16/20)
X210 4	OPTOCX02	(16/20)

COMPONENT/PIN	SIGNAL	ON SHEET
X215 1	+5.2V	
X215 2	+5.2V	
X215 3	+12V	
X215 4	+12VFAN	(15/30,15/60,15/86,15/96)
X215 5	+12V	
X215 6	+12V	
X215 7	ENDFAN	
X215 8	+28V	
X215 9	+28V	
X215 10	+8VREF	(3/28,4/28,4/88,5/28,6/28)
X215 11	DIAGNOSE	(7/28,9/28,10/88,16/96)
X215 12	DIAGNOSE	(3/28,3/28,6/100,7/28,9/100)
X215 13	DIAGNOSE	(10/80,16/20)
X215 14	DIAGNOSE	(6/100,7/28,9/100)
X215 15	POWERINT	(4/20)
X215 16	30DBATT1	(4/20)
X215 17	FERKAMP1	(4/20)
X215 18	30DBATT2	(4/20)
X215 19	FERKAMP2	(4/20)
X215 20	FEI2CSDA	(7/20)
X215 21	FEI2CSDA	(7/20)
X215 22	ADIN	(7/20)
X215 23	FEI2CSDL	(7/20)
X215 24	ADIN	(7/20)
X215 25	ADIN	(7/20)
X215 26	ADIN	(7/20)
X215 27	ADSDATA	(7/20)
X215 28	ADSDATA	(7/20)
X215 29	ADSDATA	(7/20)
X215 30	ADSDATA	(7/20)
X215 31	ADSDATA	(7/20)
X215 32	ADSDATA	(7/20)
X215 33	ADSDATA	(7/20)
X215 34	ADSDATA	(7/20)

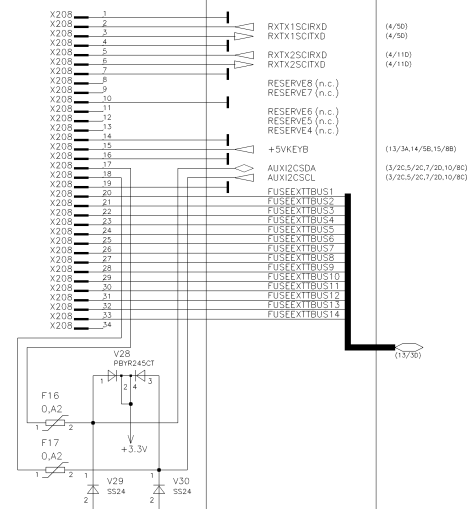
COMPONENT/PIN	SIGNAL	ON SHEET
X218 1	+5.2V	
X218 2	IDX	(2/80)
X218 3	+5.2V	
X218 4	+5.2V	
X218 5	DS2	(2/100)
X218 6	+5.2V	
X218 7	DCHG	(2/100)
X218 8		
X218 9		
X218 10		
X218 11	M02	(2/80)
X218 12	DIRC	(2/100)
X218 13		
X218 14	STEP	(2/100)
X218 15		
X218 16	WD	(2/80)
X218 17		
X218 18	WE	(2/100)
X218 19	TRK0	(2/100)
X218 20		
X218 21	WP	(2/80)
X218 22		
X218 23	RDD	(2/100)
X218 24		
X218 25		
X218 26	HS	(2/100)

Four-digit pinholes have no pin, use the results for this document all rights are reserved

ROHDE & SCHWARZ		Benennung: MOTHERBOARD		Sprache / Long: DE	
Typ: CMU	Datum: 00-02-16	Abteilung: 1CMK	Name: KRAETSCH	Anz. / C.I.: 02.01	Blatt / Sh.: 13+
1. Z.: 1100.0008.01		Zeichn. Nr.:		1100.0908.01 S	

CONNECTOR DEFINITIONS MB1

COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET
REAR PANEL BOARD 1			REAR PANEL BOARD 1			REAR PANEL BOARD 2			REAR PANEL BOARD 2		
X205 1	D4	(2/100)	X205 1	+5VKEYB	(13/3A,14/3B,15/3B)	X207 1	EXT1MODIN	(5/58)	X208 1	RXT1SCRXD	(4/50)
X205 2	D5	(2/100)	X205 2	MSDAT	(2/100)	X207 2	EXT1MODQIN	(5/58)	X208 2	RXT1SCITXD	(4/50)
X205 3	D6	(2/100)	X205 3	KEYCLK	(2/100)	X207 3	EXT1MODOUT	(5/58)	X208 3	RXT2SCRXD	(4/110)
X205 4	D1	(2/100)	X205 4	MSCCLK	(2/100)	X207 4	EXT1MODQOUT	(5/58)	X208 4	RXT2SCITXD	(4/110)
X205 5	D6	(2/100)	X205 5	KEYDAT	(2/100)	X207 5	EXT1DEMIDIN	(5/50)	X208 5	RESERVE6 (n.c.)	
X205 6	D2	(2/100)	X205 6			X207 6	EXT1DEMIDQIN	(5/50)	X208 6	RESERVE7 (n.c.)	
X205 7	D7	(2/100)	X205 7			X207 7	EXT1DEMIDOUT	(5/50)	X208 7	RESERVE6 (n.c.)	
X205 8	D2	(2/100)	X205 8			X207 8	EXT1DEMIDQOUT	(5/50)	X208 8	RESERVE5 (n.c.)	
X205 9	REN	(2/100)	X205 9			X207 9	EXT2MODIN	(5/50)	X208 9	RESERVE5 (n.c.)	
X205 10	E0I	(2/100)	X205 10			X207 10	EXT2MODQIN	(5/50)	X208 10	+5VKEYB	(13/3A,14/3B,15/3B)
X205 11	D0V	(2/100)	X205 11			X207 11	EXT2MODOUT	(5/50)	X208 11	AUXK2CSDA	(3/20,5/20,7/20,10/80)
X205 12	NRFD	(2/100)	X205 12			X207 12	EXT2MODQOUT	(5/50)	X208 12	AUXK2CSCL	(3/20,5/20,7/20,10/80)
X205 13	NDAC	(2/100)	X205 13			X207 13	EXT2MODIN	(5/50)	X208 13	FUSEEXTBUS1	
X205 14	IFS	(2/100)	X205 14			X207 14	EXT2MODQIN	(5/50)	X208 14	FUSEEXTBUS2	
X205 15	SFQ	(2/100)	X205 15			X207 15	EXT2MODOUT	(5/50)	X208 15	FUSEEXTBUS3	
X205 16	ATN	(2/100)	X205 16			X207 16	EXT2DEMIDIN	(5/50)	X208 16	FUSEEXTBUS4	
X205 17	SUCT	(2/100)	X205 17			X207 17	EXT2DEMIDQIN	(5/50)	X208 17	FUSEEXTBUS5	
X205 18	FE	(2/100)	X205 18			X207 18	EXT2DEMIDOUT	(5/50)	X208 18	FUSEEXTBUS6	
X205 19	BUSY	(2/100)	X205 19			X207 19	EXT2MODIN	(5/50)	X208 19	FUSEEXTBUS7	
X205 20	ACK	(2/100)	X205 20			X207 20	EXT2MODQIN	(5/50)	X208 20	FUSEEXTBUS8	
X205 21	PD7	(2/100)	X205 21			X207 21	EXT2MODQOUT	(5/50)	X208 21	FUSEEXTBUS9	
X205 22	PD8	(2/100)	X205 22			X207 22	EXT2MODIN	(5/50)	X208 22	FUSEEXTBUS10	
X205 23	PD9	(2/100)	X205 23			X207 23	EXT2MODQIN	(5/50)	X208 23	FUSEEXTBUS11	
X205 24	PD5	(2/100)	X205 24			X207 24	EXT2MODOUT	(5/50)	X208 24	FUSEEXTBUS12	
X205 25	PD4	(2/100)	X205 25			X207 25	EXT2MODQOUT	(5/50)	X208 25	FUSEEXTBUS13	
X205 26	PD3	(2/100)	X205 26			X207 26	EXT2MODIN	(5/50)	X208 26	FUSEEXTBUS14	
X205 27	PD2	(2/100)	X205 27			X207 27	EXT2MODQIN	(5/50)	X208 27		
X205 28	SUN	(2/100)	X205 28			X207 28	EXT2MODQOUT	(5/50)	X208 28		
X205 29	INIT	(2/100)	X205 29			X207 29	EXT2MODIN	(5/50)	X208 29		
X205 30	ERR	(2/100)	X205 30			X207 30	EXT2MODQIN	(5/50)	X208 30		
X205 31	FD1	(2/100)	X205 31			X207 31	EXT2MODOUT	(5/50)	X208 31		
X205 32	AFD	(2/100)	X205 32			X207 32	EXT2MODQOUT	(5/50)	X208 32		
X205 33	STB	(2/80)	X205 33			X207 33			X208 33		
X205 34	STB	(2/80)	X205 34			X207 34			X208 34		



Four-digit part numbers have no more than one digit reserved for this document all rights are reserved



ROHDE&SCHWARZ		Benennung: MOTHERBOARD		Sprache / Long: DE		Anz. / C.I.: 02,01		Blatt / Sh.: 14+	
Typ: CMU		Datum: 00-02-16		Abteilung: 1CMK		Name: KRAETSCH		Zeichn. Nr. / Drawing No.: 1100.0908.01 S	
1. Z.: 1100.0008.01								TOP/ZIP: 14	

CONNECTOR DEFINITIONS MB1

CONNECTOR DEFINITIONS MB2

COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET
MOTHERBOARD 1/2 CONNECTOR 			MOTHERBOARD 1/2 CONNECTOR 		
X223 1	+5VREF	(1/28,4/28,4/88,5/28,6/28)	X224 1	SC120	(7/9F)
X223 2	+5VREF	(7/28,9/28,10/88,13/118)	X224 2	SC110	(7/9F)
X223 3	+5.2V		X224 3	STDI0	(7/9F)
X223 4	+5.2V		X224 4	SRD10	(7/9F)
X223 5	+5.2V		X224 5	SCK10	(7/9F)
X223 6	+12V		X224 6	SCK10	(7/9F)
X223 7	+12V		X224 7	SCK10	(7/9F)
X223 8	+12V		X224 8	SCK10	(7/9F)
X223 9	+12V		X224 9	SCK10	(7/9F)
X223 10	+12V		X224 10	SCK10	(7/9F)
X223 11	+12V		X224 11	SCK10	(7/9F)
X223 12	+12V		X224 12	SCK10	(7/9F)
X223 13	+12V		X224 13	SCK10	(7/9F)
X223 14	+12V		X224 14	SCK10	(7/9F)
X223 15	+12V		X224 15	SCK10	(7/9F)
X223 16	+12V		X224 16	SCK10	(7/9F)
X223 17	+12V		X224 17	SCK10	(7/9F)
X223 18	+12V		X224 18	SCK10	(7/9F)
X223 19	+12V		X224 19	SCK10	(7/9F)
X223 20	+12V		X224 20	SCK10	(7/9F)
X223 21	+12V		X224 21	SCK10	(7/9F)
X223 22	+12V		X224 22	SCK10	(7/9F)
X223 23	+12V		X224 23	SCK10	(7/9F)
X223 24	+12V		X224 24	SCK10	(7/9F)
X223 25	+12V		X224 25	SCK10	(7/9F)
X223 26	+12V		X224 26	SCK10	(7/9F)
X223 27	+12V		X224 27	SCK10	(7/9F)
X223 28	+12V		X224 28	SCK10	(7/9F)
X223 29	+12V		X224 29	SCK10	(7/9F)
X223 30	+12V		X224 30	SCK10	(7/9F)
X223 31	+12V		X224 31	SCK10	(7/9F)
X223 32	+12V		X224 32	SCK10	(7/9F)
X223 33	+12V		X224 33	SCK10	(7/9F)
X223 34	+12V		X224 34	SCK10	(7/9F)
X223 35	+12V		X224 35	SCK10	(7/9F)
X223 36	+12V		X224 36	SCK10	(7/9F)
X223 37	+12V		X224 37	SCK10	(7/9F)
X223 38	+12V		X224 38	SCK10	(7/9F)
X223 39	+12V		X224 39	SCK10	(7/9F)
X223 40	+12V		X224 40	SCK10	(7/9F)
X223 41	+12V		X224 41	SCK10	(7/9F)
X223 42	+12V		X224 42	SCK10	(7/9F)
X223 43	+12V		X224 43	SCK10	(7/9F)
X223 44	+12V		X224 44	SCK10	(7/9F)
X223 45	+12V		X224 45	SCK10	(7/9F)
X223 46	+12V		X224 46	SCK10	(7/9F)
X223 47	+12V		X224 47	SCK10	(7/9F)
X223 48	+12V		X224 48	SCK10	(7/9F)
X223 49	+12V		X224 49	SCK10	(7/9F)
X223 50	+12V		X224 50	SCK10	(7/9F)

COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET
MOTHERBOARD 1/2 CONNECTOR 			MOTHERBOARD 1/2 CONNECTOR 		
X213 1	MB2+5VREF	(17/2C,17/8B)	X214 1	MB2SC120	(17/116)
X213 2	MB2+5VREF		X214 2	MB2SC110	(17/116)
X213 3	+5.2V		X214 3	MB2SC100	(17/116)
X213 4	+5.2V		X214 4	MB2STD10	(17/116)
X213 5	+5.2V		X214 5	MB2SRD10	(17/116)
X213 6	+12V		X214 6	MB2SCK10	(17/116)
X213 7	+12V		X214 7	MB2SCK10	(17/116)
X213 8	+12V		X214 8	MB2SCK10	(17/116)
X213 9	+12V		X214 9	MB2SCK10	(17/116)
X213 10	+12V		X214 10	MB2SCK10	(17/116)
X213 11	+12V		X214 11	MB2SCK10	(17/116)
X213 12	+12V		X214 12	MB2SCK10	(17/116)
X213 13	+12V		X214 13	MB2SCK10	(17/116)
X213 14	+12V		X214 14	MB2SCK10	(17/116)
X213 15	+12V		X214 15	MB2SCK10	(17/116)
X213 16	+12V		X214 16	MB2SCK10	(17/116)
X213 17	+12V		X214 17	MB2SCK10	(17/116)
X213 18	+12V		X214 18	MB2SCK10	(17/116)
X213 19	+12V		X214 19	MB2SCK10	(17/116)
X213 20	+12V		X214 20	MB2SCK10	(17/116)
X213 21	+12V		X214 21	MB2SCK10	(17/116)
X213 22	+12V		X214 22	MB2SCK10	(17/116)
X213 23	+12V		X214 23	MB2SCK10	(17/116)
X213 24	+12V		X214 24	MB2SCK10	(17/116)
X213 25	+12V		X214 25	MB2SCK10	(17/116)
X213 26	+12V		X214 26	MB2SCK10	(17/116)
X213 27	+12V		X214 27	MB2SCK10	(17/116)
X213 28	+12V		X214 28	MB2SCK10	(17/116)
X213 29	+12V		X214 29	MB2SCK10	(17/116)
X213 30	+12V		X214 30	MB2SCK10	(17/116)
X213 31	+12V		X214 31	MB2SCK10	(17/116)
X213 32	+12V		X214 32	MB2SCK10	(17/116)
X213 33	+12V		X214 33	MB2SCK10	(17/116)
X213 34	+12V		X214 34	MB2SCK10	(17/116)
X213 35	+12V		X214 35	MB2SCK10	(17/116)
X213 36	+12V		X214 36	MB2SCK10	(17/116)
X213 37	+12V		X214 37	MB2SCK10	(17/116)
X213 38	+12V		X214 38	MB2SCK10	(17/116)
X213 39	+12V		X214 39	MB2SCK10	(17/116)
X213 40	+12V		X214 40	MB2SCK10	(17/116)
X213 41	+12V		X214 41	MB2SCK10	(17/116)
X213 42	+12V		X214 42	MB2SCK10	(17/116)
X213 43	+12V		X214 43	MB2SCK10	(17/116)
X213 44	+12V		X214 44	MB2SCK10	(17/116)
X213 45	+12V		X214 45	MB2SCK10	(17/116)
X213 46	+12V		X214 46	MB2SCK10	(17/116)
X213 47	+12V		X214 47	MB2SCK10	(17/116)
X213 48	+12V		X214 48	MB2SCK10	(17/116)
X213 49	+12V		X214 49	MB2SCK10	(17/116)
X213 50	+12V		X214 50	MB2SCK10	(17/116)

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ROHDE & SCHWARZ		Benennung: MOTHERBOARD			Sprache / Long: DE		Anz. / C.I.: 02,01		Blatt / Sh.: 16+	
Typ: CMU		Datum: 00-02-16		Abteilung: 1CMK		Name: KRAETSCH		Zeichn. Nr. / Drawing No.: 1100.0908.01 S		
1. Z.: 1100.0008.01								Top/Zip: 16		

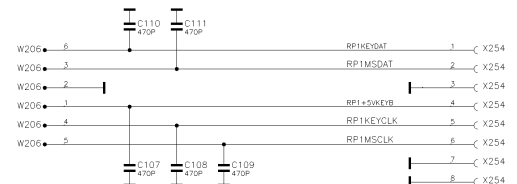
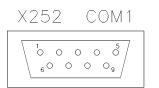
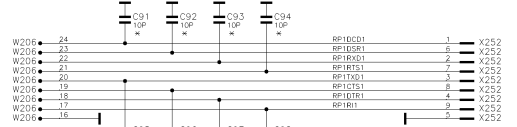
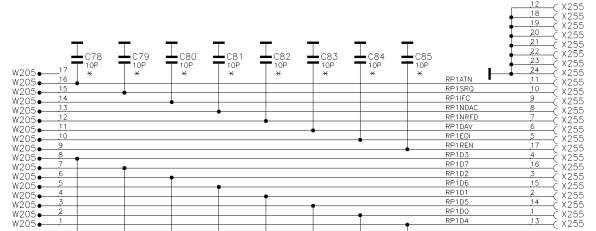
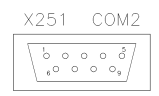
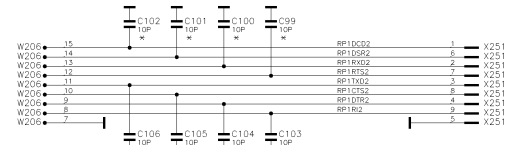
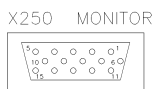
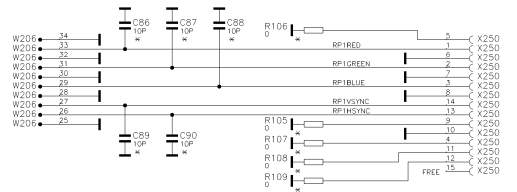
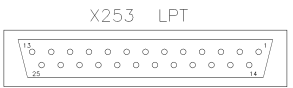
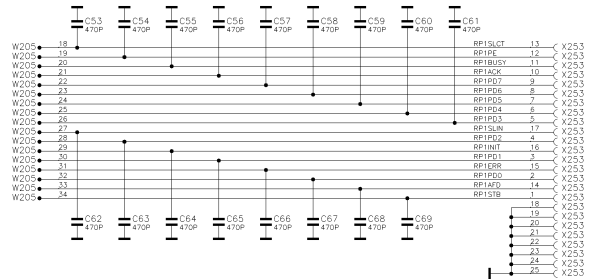
CONNECTOR DEFINITIONS MB2

COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET	COMPONENT/PIN	SIGNAL	ON SHEET
REFERENZ BOARD			REFERENZ BOARD			AUDIO BOARD			AUDIO BOARD		
X101_#1			X101_#21			X111_#1			X111_#1		
X101_#2			X101_#22			X111_#2			X111_#2		
X101_#3			X101_#23			X111_#3			X111_#3		
X101_#4			X101_#24			X111_#4			X111_#4		
X101_#5			X101_#25			X111_#5			X111_#5		
X101_#6			X101_#26			X111_#6			X111_#6		
X101_#7			X101_#27			X111_#7			X111_#7		
X101_#8			X101_#28			X111_#8			X111_#8		
X101_#9			X101_#29			X111_#9			X111_#9		
X101_#10			X101_#30			X111_#10			X111_#10		
X101_#11			X101_#31			X111_#11			X111_#11		
X101_#12			X101_#32			X111_#12			X111_#12		
X101_#1			X101_#1			X111_#1			X111_#1		
X101_#2			X101_#2			X111_#2			X111_#2		
X101_#3			X101_#3			X111_#3			X111_#3		
X101_#4			X101_#4			X111_#4			X111_#4		
X101_#5			X101_#5			X111_#5			X111_#5		
X101_#6			X101_#6			X111_#6			X111_#6		
X101_#7			X101_#7			X111_#7			X111_#7		
X101_#8			X101_#8			X111_#8			X111_#8		
X101_#9			X101_#9			X111_#9			X111_#9		
X101_#10			X101_#10			X111_#10			X111_#10		
X101_#11			X101_#11			X111_#11			X111_#11		
X101_#12			X101_#12			X111_#12			X111_#12		
X101_#1			X101_#1			X111_#1			X111_#1		
X101_#2			X101_#2			X111_#2			X111_#2		
X101_#3			X101_#3			X111_#3			X111_#3		
X101_#4			X101_#4			X111_#4			X111_#4		
X101_#5			X101_#5			X111_#5			X111_#5		
X101_#6			X101_#6			X111_#6			X111_#6		
X101_#7			X101_#7			X111_#7			X111_#7		
X101_#8			X101_#8			X111_#8			X111_#8		
X101_#9			X101_#9			X111_#9			X111_#9		
X101_#10			X101_#10			X111_#10			X111_#10		
X101_#11			X101_#11			X111_#11			X111_#11		
X101_#12			X101_#12			X111_#12			X111_#12		
X101_#1			X101_#1			X111_#1			X111_#1		
X101_#2			X101_#2			X111_#2			X111_#2		
X101_#3			X101_#3			X111_#3			X111_#3		
X101_#4			X101_#4			X111_#4			X111_#4		
X101_#5			X101_#5			X111_#5			X111_#5		
X101_#6			X101_#6			X111_#6			X111_#6		
X101_#7			X101_#7			X111_#7			X111_#7		
X101_#8			X101_#8			X111_#8			X111_#8		
X101_#9			X101_#9			X111_#9			X111_#9		
X101_#10			X101_#10			X111_#10			X111_#10		
X101_#11			X101_#11			X111_#11			X111_#11		
X101_#12			X101_#12			X111_#12			X111_#12		
X101_#1			X101_#1			X111_#1			X111_#1		
X101_#2			X101_#2			X111_#2			X111_#2		
X101_#3			X101_#3			X111_#3			X111_#3		
X101_#4			X101_#4			X111_#4			X111_#4		
X101_#5			X101_#5			X111_#5			X111_#5		
X101_#6			X101_#6			X111_#6			X111_#6		
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X101_#9			X101_#9			X111_#9			X111_#9		
X101_#10			X101_#10			X111_#10			X111_#10		
X101_#11			X101_#11			X111_#11			X111_#11		
X101_#12			X101_#12			X111_#12			X111_#12		

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ROHDE & SCHWARZ		Benennung: MOTHERBOARD			Sprache / Lang: DE		Anz. / Cl.: 02.01		Blatt / Sh.: 17+	
Typ: CMU	Datum: 00-02-16	Abteilung: 1CMK		Name: KRAETSCH		Zeichn. Nr. / Drawing No.: 1100.0908.01 S				
1. Z.: 1100.0008.01						10P/20P.17				

CONNECTOR DEFINITIONS REAR PANEL BOARD 1

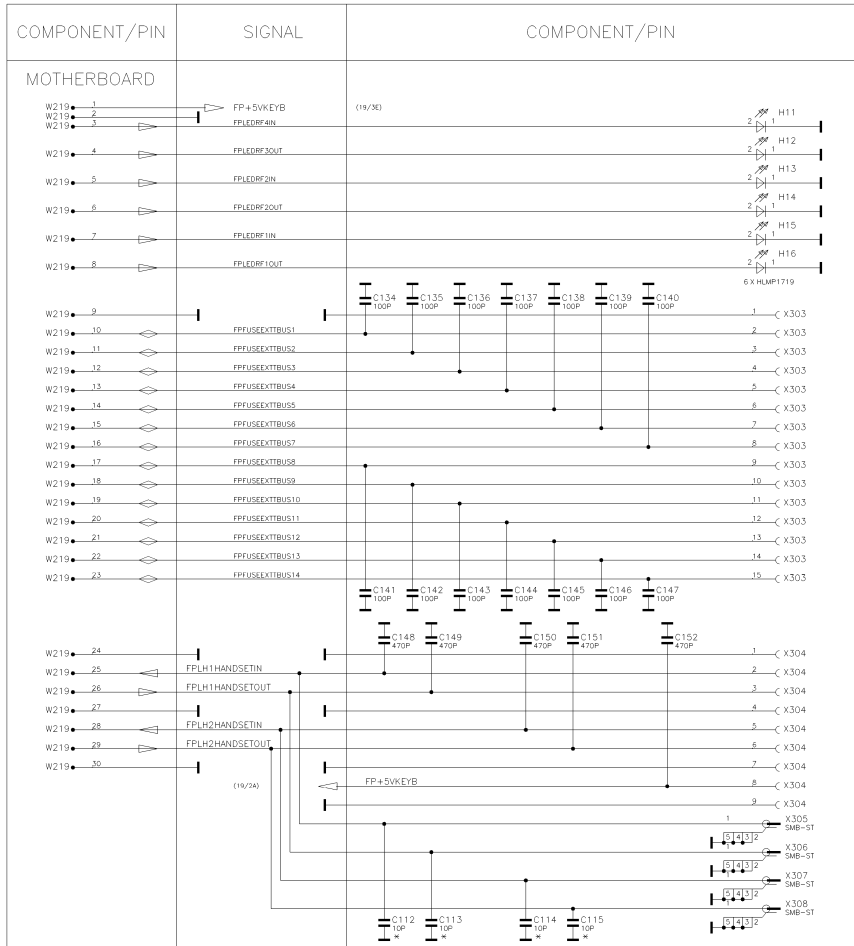


ROHDE & SCHWARZ		Benennung: MOTHERBOARD			Sprache / Long: DE		Anr. / C.I.: 02.01		Blatt / Sh.: 18+	
Typ: CMU		Datum: 00-02-16		Abteilung: 1CMK		Name: KRAETSCH		Zeichn. Nr. / Drawing No.: 1100.0908.01 S		
1. Z.: 1100.0008.01								TOP/ZIP: 16		

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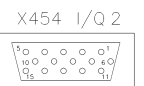
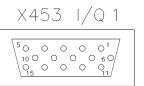
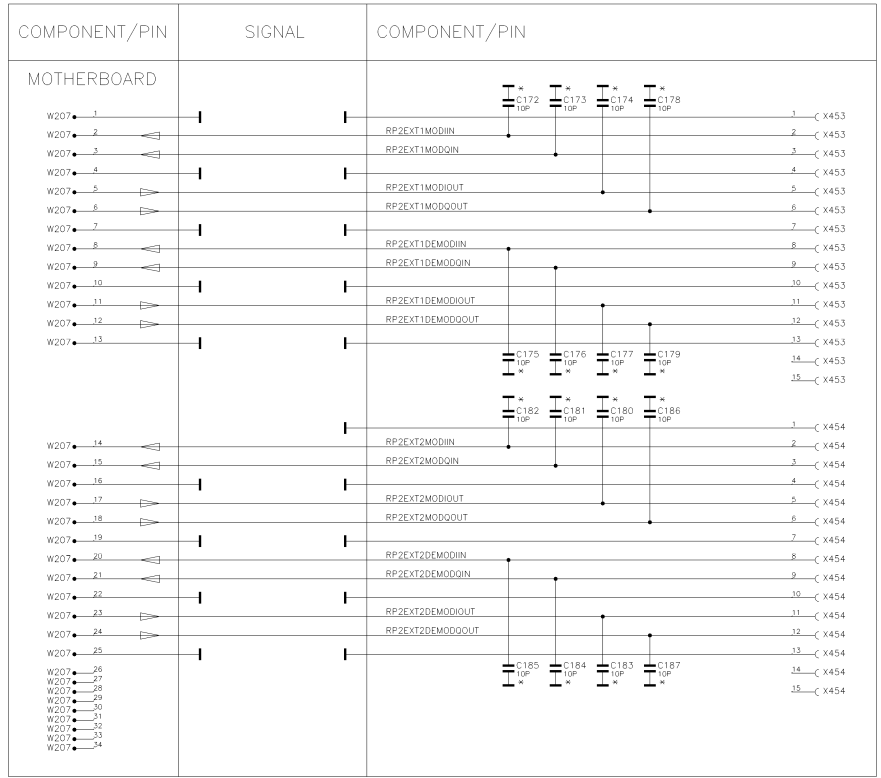
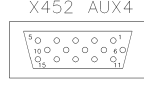
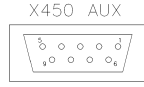
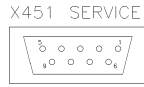
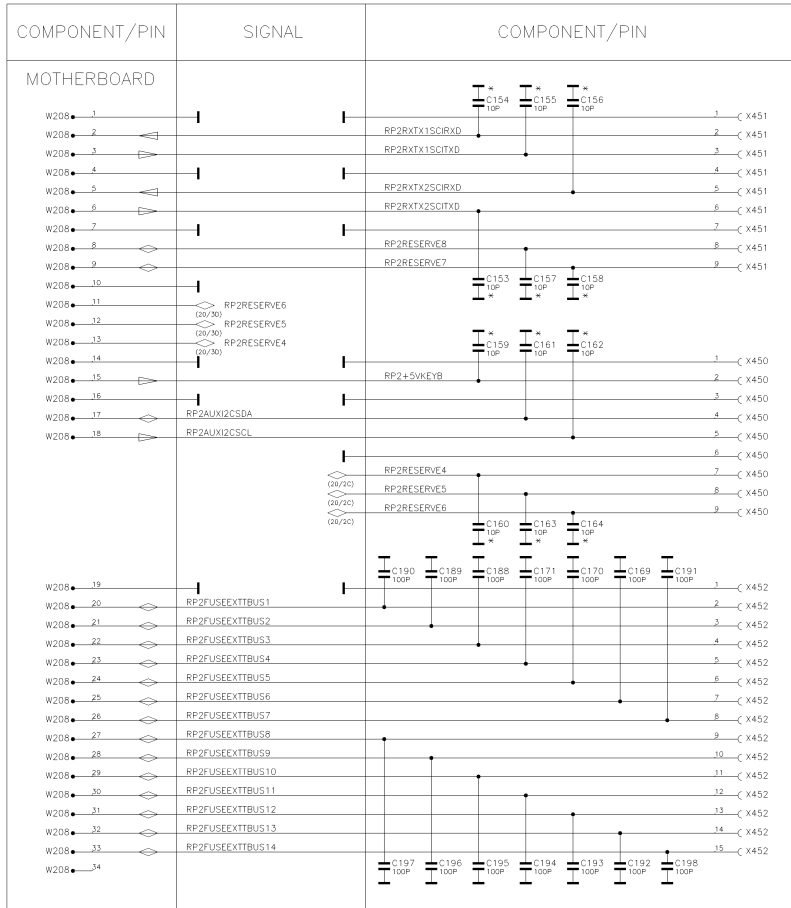
CONNECTOR DEFINITIONS FRONT PANEL BOARD

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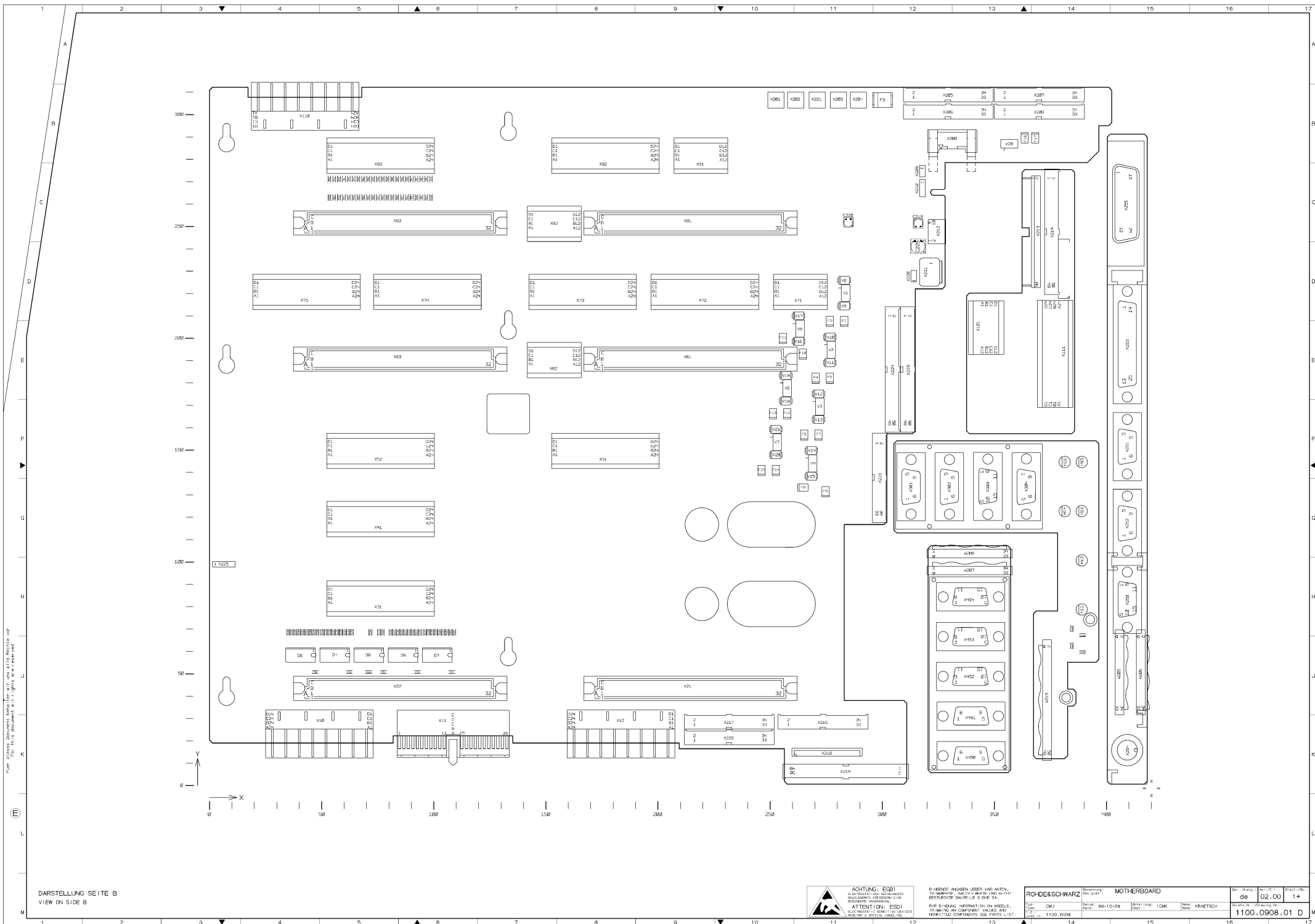


CONNECTOR DEFINITIONS REAR PANEL BOARD 2

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ROHDE & SCHWARZ		Benennung: MOTHERBOARD		Sprache / Lang: DE		Anz. / C.I.: 02.01		Blatt / Sh.: 20-	
Typ: CMU		Datum: 00-02-16		Abteilung: 1CMK		Name: KRAETSCH		Zeichn. Nr. / Drawing No.: 1100.0908.01 S	
1.2. 1100.0008.01								TOP/LOP: 20	



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DARSTELLUNG SEITE B
VIEW ON SIDE B




ACHTUNG: ESD!
 CAUTION: ESD!
 ATTENTION: ESD!
 ELECTROSTATIC SENSITIVE DEVICES
 REQUIRE A SPECIAL HANDLING

BLINDENFÖRMIG ANZEIGEN LIESER VOR ANFANG
 DER MONTAGE. NICHT IN MONTAGE FÜR NICHT
 BESTREICHTE BAUTEILE SIEHE SA.
 FOR BLINDING INFORMATION ON THE MODELS,
 OR MISSING AND COMPONENT VALUES AND
 MOUNTED COMPONENTS SEE PARTS LIST.


ROHDE&SCHWARZ		MOTHERBOARD	
Typ: CMJ Zeichn.-Nr.: 99-10-08 List-Nr.: 1100.0008	Datum: 99-10-08 Blatt: 10AK Stück:	Name: KIRKETSCH Pos.:	Blatt: 1+ von: 02.00

1100.0908.01 D


el. Kennz. Part	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
.	VARIANTENERKLAERUNG VERSIONS VAR02=GRUNDAUSFUEHRUNG MOD02=BASIC_MODEL				
C1 ..44	CC 68PF+-1% 50VNP0 0603 SMD-CERAMIC-CAPACITOR	0009.9746.00	MURATA	GRM39COG***F50ZPT	
C45 ..47	CC 10NF+-10% 50VHDK 0603 SMD-CERAMIC-CAPACITOR	0009.4844.00	MURATA	GRM39X7R***K50C500	
C48 ..52	CC 100NF+-10%16V HDK 0603 CERAMIC CHIP CAPACITOR	1097.6292.00	MURATA	GRM39 X7R 104K 16 PT	
C53 ..69	CC 470PF+-10%50V HDK 0603 SMD-CERAMIC-CAPACITOR	0009.4896.00	MURATA	GRM39X7R***K50C500	
C70 ..106	CC 10P+-0,1PF50V NP0 0603 SMD-CERAMIC-CAPACITOR NICHT BESTUECKT	0009.4567.00	MURATA	GRM39COG***B50ZPT	
C107 ..111	CC 470PF+-10%50V HDK 0603 SMD-CERAMIC-CAPACITOR	0009.4896.00	MURATA	GRM39X7R***K50C500	
C112 ..115	CC 10P+-0,1PF50V NP0 0603 SMD-CERAMIC-CAPACITOR NICHT BESTUECKT	0009.4567.00	MURATA	GRM39COG***B50ZPT	
C116 ..133	CC 470PF+-10%50V HDK 0603 SMD-CERAMIC-CAPACITOR	0009.4896.00	MURATA	GRM39X7R***K50C500	
C134 ..147	CC 100PF+-1% 50VNP0 0603 SMD-CERAMIC-CAPACITOR	0009.4680.00	MURATA	GRM39COG***F50ZPT	
C148 ..152	CC 470PF+-10%50V HDK 0603 SMD-CERAMIC-CAPACITOR	0009.4896.00	MURATA	GRM39X7R***K50C500	
C153 ..168	CC 10P+-0,1PF50V NP0 0603 SMD-CERAMIC-CAPACITOR NICHT BESTUECKT	0009.4567.00	MURATA	GRM39COG***B50ZPT	
C169 ..171	CC 100PF+-1% 50VNP0 0603 SMD-CERAMIC-CAPACITOR	0009.4680.00	MURATA	GRM39COG***F50ZPT	
C172 ..187	CC 10P+-0,1PF50V NP0 0603 SMD-CERAMIC-CAPACITOR NICHT BESTUECKT	0009.4567.00	MURATA	GRM39COG***B50ZPT	
C188 ..198	CC 100PF+-1% 50VNP0 0603 SMD-CERAMIC-CAPACITOR	0009.4680.00	MURATA	GRM39COG***F50ZPT	
C199 ..216	CC 10NF+-10% 50VHDK 0603 SMD-CERAMIC-CAPACITOR	0009.4844.00	MURATA	GRM39X7R***K50C500	
C217	CC 10NF+-10% 50VHDK 0603 SMD-CERAMIC-CAPACITOR NICHT BESTUECKT	0009.4844.00	MURATA	GRM39X7R***K50C500	
C218	CC 470NF+-10%50V X7R 1812 CERAMIC CHIP CAPACITOR	0007.7498.00	AVX	1812 5C 474KA T00F	
C219 ..220	CE 10UF+-20%16V RUND SMD SMD ELECTROLYTIC CAPACIT.	0010.7914.00	PANASONIC	EEV-HB1C100R	
C221	CC 150NF+-10%50V X7R 1210 CERAMIC CHIP CAPACITOR NICHT BESTUECKT	0007.7446.00	PHILIPS_CO	2222 592 16643	
C222 ..223	CC 100NF+-10%16V HDK 0603 CERAMIC CHIP CAPACITOR NICHT BESTUECKT	1097.6292.00	MURATA	GRM39 X7R 104K 16 PT	
C224	CC 470PF+-10%50V HDK 0603 SMD-CERAMIC-CAPACITOR	0009.4896.00	MURATA	GRM39X7R***K50C500	
C225	CE 100UF+-20%16V RUND SMD SMD-ELECTROLYTIC CAPACIT.	0009.6553.00	SANYO	16CV100F(G)S	
C226 ..227	CC 10NF+-10% 50VHDK 0603 SMD-CERAMIC-CAPACITOR NICHT BESTUECKT	0009.4844.00	MURATA	GRM39X7R***K50C500	
C228 ..242	CC 10NF+-10% 50VHDK 0603 SMD-CERAMIC-CAPACITOR	0009.4844.00	MURATA	GRM39X7R***K50C500	
C243	CC 10P+-0,1PF50V NP0 0603 SMD-CERAMIC-CAPACITOR	0009.4567.00	MURATA	GRM39COG***B50ZPT	
C244 ..246	CC 10P+-0,1PF50V NP0 0603 SMD-CERAMIC-CAPACITOR NICHT BESTUECKT	0009.4567.00	MURATA	GRM39COG***B50ZPT	
C247 ..248	CC 68PF+-1% 50VNP0 0603 SMD-CERAMIC-CAPACITOR	0009.9746.00	MURATA	GRM39COG***F50ZPT	
D4 ..8	BL PC74HCT245T 8XTRANSC OCTAL BUS TRANSCEIVER	0007.5414.00	PHILIPS_SE	(PC)74HCT245(D/T)	
F1 ..2	RK 0,2A FUSE PTC 0,8W SMD RESETTABLE FUSE	2080.6990.00	BOURNS	MF-MSMD020	
F3	RK 1,5A FUSE PTC 1,9W SMD RESETTABLE FUSE	1081.0290.00	BOURNS	MF-SM-150-2	
F4 ..17	RK 0,2A FUSE PTC 0,8W SMD RESETTABLE FUSE	2080.6990.00	BOURNS	MF-MSMD020	
H1 ..9	AF LGS269BO GRUEN LED LED	0009.8362.00	SIEMENS	LG S269-BO (Q1570)	
H11 ..16	AF HLMP1719 LED3 GE585N LED	0099.9140.00	QUALITY	HLMP-1719.L31S	
N140	BO LM2904D 2X OPAMP IC OPAMP	6024.4010.00	PHILIPS_SE	LM2904D	
N141	BO LM2904D 2X OPAMP IC OPAMP	6024.4010.00	PHILIPS_SE	LM2904D	

	Benennung: ED MOTHERBOARD Designation:		Sprache: Lang.: de	Blatt: Sh.: 1 +	Aei: C.I.: 02.01
	Typ: Type: CMU	Datum: Date: 00-02-16	Abteilung: Dpt: 1CMK	Name: Name: KR	Sachnr.: Part No.: 1100.0908.01 SA


el. Kennz. Part	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
	NICHT BESTUECKT				
R1 ..7	RG 10K +-1% TK100 0603 SMD RESISTOR EIA0603	0009.5357.00	PHILIPS_CO	RC 22 H	
R8	RG 33K +-1% TK100 0603 SMD RESISTOR EIA0603	0009.7066.00	PHILIPS_CO	RC 22 H	
R9 ..11	RG 10K +-1% TK100 0603 SMD RESISTOR EIA0603	0009.5357.00	PHILIPS_CO	RC 22 H	
R12	RG 75K +-1% TK100 0603 SMD RESISTOR EIA0603	2074.8937.00	DRALORIC	CR 0603	
	NICHT BESTUECKT				
R13 ..14	RG 10K +-1% TK100 0603 SMD RESISTOR EIA0603	0009.5357.00	PHILIPS_CO	RC 22 H	
R15 ..19	RG 10K +-1% TK100 0603 SMD RESISTOR EIA0603	0009.5357.00	PHILIPS_CO	RC 22 H	
	NICHT BESTUECKT				
R20	RG 2K74 +-1% TK100 0603 SMD RESISTOR EIA0603	0010.8410.00	PHILIPS_CO	RC 22 H	
R21	RG 13K +-1% TK100 0603 SMD RESISTOR EIA0603	1097.6428.00	PHILIPS_CO	RC 22 H	
R22 ..24	RG 61R9 +-1%TK100 0603 SMD RESISTOR EIA0603	0048.4841.00	PHILIPS_CO	RC 22 H	
R25	RG 1K82 +-1% TK100 0603 SMD RESISTOR EIA0603	0010.8404.00	PHILIPS_CO	RC 22 H	
R26	RG 2K0 +-1% TK100 0603 SMD RESISTOR EIA0603	1097.6328.00	PHILIPS_CO	RC 22 H	
R27 ..30	RG 4K7 +-1% TK100 0603 SMD RESISTOR EIA0603	0009.7020.00	PHILIPS_CO	RC 22 H	
R31	RG 680R +-1% TK100 0603 SMD RESISTOR EIA0603	0009.6982.00	PHILIPS_CO	RC 22 H	
R32 ..63	RG 10K +-1% TK100 0603 SMD RESISTOR EIA0603	0009.5357.00	PHILIPS_CO	RC 22 H	
R64 ..104	RG 61R9 +-1%TK100 0603 SMD RESISTOR EIA0603	0048.4841.00	PHILIPS_CO	RC 22 H	
R105 ..109	RG 0-OHM WIDERSTAND 0603 SMD RESISTOR EIA0603	0009.9369.00	PHILIPS_CO	RC21 0 OHM	
	NICHT BESTUECKT				
R110 ..111	RG 0-OHM WIDERSTAND 0603 SMD RESISTOR EIA0603	0009.9369.00	PHILIPS_CO	RC21 0 OHM	
R112 ..118	RG 0-OHM WIDERSTAND 0603 SMD RESISTOR EIA0603	0009.9369.00	PHILIPS_CO	RC21 0 OHM	
	NICHT BESTUECKT				
R119 ..132	RG 0-OHM WIDERSTAND 0603 SMD RESISTOR EIA0603	0009.9369.00	PHILIPS_CO	RC21 0 OHM	
R133 ..164	RG 68R +-1% TK100 0603 SMD RESISTOR EIA0603	0009.6930.00	PHILIPS_CO	RC 22 H	
R165 ..171	RG 0-OHM WIDERSTAND 0603 SMD RESISTOR EIA0603	0009.9369.00	PHILIPS_CO	RC21 0 OHM	
	NICHT BESTUECKT				
R172	RG 68R +-1% TK100 0603 SMD RESISTOR EIA0603	0009.6930.00	PHILIPS_CO	RC 22 H	
R173 ..176	RG 0-OHM WIDERSTAND 0603 SMD RESISTOR EIA0603	0009.9369.00	PHILIPS_CO	RC21 0 OHM	
	NICHT BESTUECKT				
R177	RG 0R75 1% 1W 1218 SMD RESISTOR	1100.3671.00	PHILIPS_CO	PRC201-0R75 1% TK250	
R178 ..184	RG 1K0 +-1% TK100 0603 SMD RESISTOR EIA0603	0009.5340.00	PHILIPS_CO	RC 22 H	
R185 ..200	RG 27,4 OHM+-1%TK100 0603 SMD RESISTOR EIA0603	0009.9046.00	PHILIPS_CO	RC 22 H	
R201	RG 0R1 1% 1W 1218 SMD-RESISTOR	6100.7785.00	PHILIPS_CO	PRC201-0R1 1% TK700	
R202	RG 200K +-1% TK100 0603 SMD RESISTOR EIA0603	1093.6200.00	PHILIPS_CO	RC 22 H	
	NICHT BESTUECKT				
R203	RG 200K +-1% TK100 0603 SMD RESISTOR EIA0603	1093.6200.00	PHILIPS_CO	RC 22 H	
R204	RG 10K +-1% TK100 0603 SMD RESISTOR EIA0603	0009.5357.00	PHILIPS_CO	RC 22 H	
R205	RG 1K37 +-1% TK100 0603 SMD RESISTOR EIA0603	1097.6111.00	PHILIPS_CO	RC 22 H	
R206	RG 5K62 +-1% TK100 0603 SMD RESISTOR EIA0603	0010.8433.00	PHILIPS_CO	RC 22 H	
	NICHT BESTUECKT				
R207	RG 13K +-1% TK100 0603 SMD RESISTOR EIA0603	1097.6428.00	PHILIPS_CO	RC 22 H	
	NICHT BESTUECKT				
R208	RG 150K +-1% TK100 0603 SMD RESISTOR EIA0603	0009.7095.00	PHILIPS_CO	RC 22 H	
	NICHT BESTUECKT				
R209	RG 2K2 +-1% TK100 0603 SMD RESISTOR EIA0603	0009.7008.00	PHILIPS_CO	RC 22 H	
R210 ..211	RG 22K +-1% TK100 0603 SMD RESISTOR EIA0603	0009.7050.00	PHILIPS_CO	RC 22 H	
R212	RG 1K0 +-1% TK100 0603 SMD RESISTOR EIA0603	0009.5340.00	PHILIPS_CO	RC 22 H	
R213 ..214	RG 1K0 +-1% TK100 0603 SMD RESISTOR EIA0603	0009.5340.00	PHILIPS_CO	RC 22 H	

	Benennung: ED MOTHERBOARD Designation:		Sprache: Lang.: de	Blatt: Sh.: 2 +	Aei: C.I.: 02.01
	Typ: Type: CMU	Datum: Date: 00-02-16	Abteilung: Dpt: 1CMK	Name: Name: KR	Sachnr.: Part No.: 1100.0908.01 SA

el. Kennz. Part	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
R215	NICHT BESTUECKT RG 4K32 +-1% TK100 0603 SMD-RESISTOR EIA0603	0048.6438.00	DRALORIC	CR 0603	
R216	RG 4K32 +-1% TK100 0603 SMD-RESISTOR EIA0603 NICHT BESTUECKT	0048.6438.00	DRALORIC	CR 0603	
R217 ..228	RG 0-OHM WIDERSTAND 0603 SMD RESISTOR EIA0603	0009.9369.00	PHILIPS_CO	RC21 0 OHM	
R229	RG 1K0 +-1% TK100 1206 CHIP RESISTOR	0006.7271.00	ROEDERSTEI	D25	
R230	RG 100K +-1% TK100 0603 SMD RESISTOR EIA0603	0009.5363.00	PHILIPS_CO	RC 22 H	
R231 ..232	RG 0-OHM WIDERSTAND 0603 SMD RESISTOR EIA0603	0009.9369.00	PHILIPS_CO	RC21 0 OHM	
R233	RG 0-OHM WIDERSTAND 0603 SMD RESISTOR EIA0603 NICHT BESTUECKT	0009.9369.00	PHILIPS_CO	RC21 0 OHM	
R234	RG 0-OHM WIDERSTAND 0603 SMD RESISTOR EIA0603	0009.9369.00	PHILIPS_CO	RC21 0 OHM	
R235 ..236	RG 10K +-1% TK100 0603 SMD RESISTOR EIA0603	0009.5357.00	PHILIPS_CO	RC 22 H	
R237	RG 61R9 +-1%TK100 0603 SMD RESISTOR EIA0603	0048.4841.00	PHILIPS_CO	RC 22 H	
R238	RG 0-OHM WIDERSTAND 0603 SMD RESISTOR EIA0603 NICHT BESTUECKT	0009.9369.00	PHILIPS_CO	RC21 0 OHM	
R239	RG 20K +-1% TK100 0603 SMD RESISTOR EIA0603	0010.9100.00	PHILIPS_CO	RC 22 H	
R240 ..241	RG 15K +-1% TK100 0603 SMD RESISTOR EIA0603	0009.7043.00	PHILIPS_CO	RC 22 H	
R242	RG 82K5 +-1% TK100 0603 SMD RESISTOR EIA0603 NICHT BESTUECKT	0010.9123.00	PHILIPS_CO	RC 22 H	
R243	RG 12K1 +-1% TK100 0603 SMD RESISTOR EIA0603	0010.8462.00	PHILIPS_CO	RC 22 H	
R244	RG 12K1 +-1% TK100 0603 SMD RESISTOR EIA0603 NICHT BESTUECKT	0010.8462.00	PHILIPS_CO	RC 22 H	
R245	RG 392K+-1% TK100 0603 RESISTOR	1097.6528.00	PHILIPS_CO	RC 22 H	
R246 ..247	RG 220K +-1% TK100 0603 SMD RESISTOR EIA0603	0009.7108.00	PHILIPS_CO	RC 22 H	
R248	RG 1K91 +-1% TK100 0603 SMD RESISTOR EIA0603	1097.6128.00	PHILIPS_CO	RC 22 H	
R249 ..257	RG 100R +-1% TK100 0603 SMD RESISTOR EIA0603	0009.5334.00	PHILIPS_CO	RC 22 H	
R258 ..261	RG 220R +-1% TK100 0603 SMD RESISTOR EIA0603	0009.6953.00	PHILIPS_CO	RC 22 H	
R262	RG 0-OHM WIDERSTAND 0603 SMD RESISTOR EIA0603 NICHT BESTUECKT	0009.9369.00	PHILIPS_CO	RC21 0 OHM	
R263	RG 61R9 +-1%TK100 0603 SMD RESISTOR EIA0603	0048.4841.00	PHILIPS_CO	RC 22 H	
V1 ..7	AG PBYR245CT 2X45V 1A0 SCHOTTKY RECTIFIER DIODE	0009.5311.00	PHILIPS	PBYR245CT	
V8 ..21	AG SS24 SGL 40V 2AO SCHOTTKY RECTIFIER	1081.1880.00	GEN_INSTRU	SS24	
V22	AK BC860B P 45V 150MA TRANSISTOR	0007.7975.00	MOTOROLA	BC860B	
V23	AK BC850B N 45V 100MA TRANSISTOR	0007.7969.00	VALVO	BC850B	
V24	AD BAS216 75V UDI HIGH SPEED SWITCHING DIODE	0010.9346.00	PHILIPS_SE	BAS216	
V25	AD BAS216 75V UDI HIGH SPEED SWITCHING DIODE NICHT BESTUECKT	0010.9346.00	PHILIPS_SE	BAS216	
V26	AD BAS216 75V UDI HIGH SPEED SWITCHING DIODE	0010.9346.00	PHILIPS_SE	BAS216	
V27	AK BCP68-16 N 20V 1A MEDIUM POWER TRANSISTOR	0008.2019.00	PHILIPS	BCP68-25	
V28	AG PBYR245CT 2X45V 1A0 SCHOTTKY RECTIFIER DIODE	0009.5311.00	PHILIPS	PBYR245CT	
V29 ..30	AG SS24 SGL 40V 2AO SCHOTTKY RECTIFIER	1081.1880.00	GEN_INSTRU	SS24	
W205	DY KABEL W205 CABLE W205	1100.1085.00			
W206	DY KABEL W206 CABLE W206	1100.1091.00			
W207	DY KABEL W207 CABLE W207	1100.1056.00			
W208	DY KABEL W208 CABLE W208	1100.1062.00			
W219	DY KABEL W219 CABLE W219	1100.1079.00			
X10	FP BUCHSENLEISTE 96P.WINK	6056.1746.00	BERG_ELEKT	89037-101	

		Benennung: ED MOTHERBOARD Designation:		Sprache: Lang.: de		Blatt: Sh.: 3 +		Aei: C.I.: 02.01	
Typ: Type: CMU		Datum: Date: 00-02-16		Abteilung: Dpt: 1CMK		Name: Name: KR		Sachnr.: Part No.: 1100.0908.01 SA	

el. Kennz. Part	Benennung Designation	Sachnummer Stock No.	Hersteller Manufacturer	Bezeichnung Designation	enthalten in contained in
X11	CONNECTOR FP BU.LEISTE COMP.BUS110P	1093.6546.00	ERNI	064176	
X12	CONNECTOR FP BUCHSENLEISTE 96P.WINK	6056.1746.00	BERG_ELEKT	89037-101	
X21	CONNECTOR FP BUCHSENLEISTE 96POL.	0272.9129.00	DEUT_ELCO	20 8457 096 004 025	
..22	FEMALE MULTIPOINT CONNECT				
X31	CONNECTOR FP STECKERLEISTE 96P.GER.	1100.4410.00	BERG_ELEKT	88953-105	
X41	CONNECTOR FP STECKERLEISTE 96P.GER.	1100.4410.00	BERG_ELEKT	88953-105	
X51	CONNECTOR FP STECKERLEISTE 96P.GER.	1100.4410.00	BERG_ELEKT	88953-105	
..52	CONNECTOR				
X61	CONNECTOR FP BUCHSENLEISTE 96POL.	0272.9129.00	DEUT_ELCO	20 8457 096 004 025	
X62	FEMALE MULTIPOINT CONNECT FP STECKERLEISTE 48P.GER	0386.6340.00	BERG_ELEKT	70233-111	
X63	CONNECTOR FP BUCHSENLEISTE 96POL.	0272.9129.00	DEUT_ELCO	20 8457 096 004 025	
X71	FEMALE MULTIPOINT CONNECT FP STECKERLEISTE 48P.GER	0386.6340.00	BERG_ELEKT	70233-111	
X72	CONNECTOR FP STECKERLEISTE 96P.GER.	1100.4410.00	BERG_ELEKT	88953-105	
..75	CONNECTOR				
X81	CONNECTOR FP BUCHSENLEISTE 96POL.	0272.9129.00	DEUT_ELCO	20 8457 096 004 025	
X82	FEMALE MULTIPOINT CONNECT FP STECKERLEISTE 48P.GER	0386.6340.00	BERG_ELEKT	70233-111	
X83	CONNECTOR FP BUCHSENLEISTE 96POL.	0272.9129.00	DEUT_ELCO	20 8457 096 004 025	
X91	FEMALE MULTIPOINT CONNECT FP STECKERLEISTE 48P.GER	0386.6340.00	BERG_ELEKT	70233-111	
X92	CONNECTOR FP STECKERLEISTE 96P.GER.	1100.4410.00	BERG_ELEKT	88953-105	
..93	CONNECTOR				
X101	CONNECTOR FP STECKERLEISTE 48P.GER	0386.6340.00	BERG_ELEKT	70233-111	
X110	CONNECTOR FP BUCHSENLEISTE 96P.WINK	6056.1746.00	BERG_ELEKT	89037-101	
X111	CONNECTOR FP STECKERLEISTE 96P.GER.	1100.4410.00	BERG_ELEKT	88953-105	
X200	CONNECTOR FP STECKERLEISTE 10P.GER	0846.4593.00	SIEMENS	V23535-A2200-A102	
X201	CONNECTOR 10P				
..204	FJ EINBAUSTECKER F.GS SMB	0063.5168.00	ROSENBERGE	59S106-400-D3	
..205	PLUG				
X205	FP STIFBLEISTE 34P.COD.	1100.3788.00	SAMTEC	STMM-117-01-G-D	
..208	CONNECTOR				
X209	FP STIFBLEISTE 2P.R2,54	0010.7014.00			
X210	PIN CONNECTOR FP STIFBLEISTE 3P.R2,54	0009.6101.00			
X211	PIN CONNECTOR FP STECKERLEISTE 3P.GER	6014.4324.00	J_S_T_DEUT	B3P-VH	
X212	CONNECTOR FP BUCHSENLEISTE 10P.WINK	1091.2366.00	MPE	BL22-47AGG-10 BZ0457	
X213	CONNECTOR FP STECKERLEISTE 50P.WIN	1051.4545.00	BERG_ELEKT	86453-550	
X214	CONNECTOR 50P. FP STIFBLEISTE 50P.COD.	1100.3794.00	SAMTEC	STMM-125-01-G-D	
X215	CONNECTOR FP STIFBLEISTE 34P.COD.	1100.3788.00	SAMTEC	STMM-117-01-G-D	
..217	CONNECTOR				
X218	CONNECTOR FP BUCHSENLEISTE 26P.ZIF	1091.2137.00	MOLEX	MLX52030-2610	
X219	CONNECTOR FP STIFBLEISTE 50P.COD.	1100.3794.00	SAMTEC	STMM-125-01-G-D	
X220	CONNECTOR FP STIFBLEISTE 2P.R2,54	0009.5992.00			
X221	PIN CONNECTOR FJ EINBAUSTECKER F.GS SMB	0063.5168.00	ROSENBERGE	59S106-400-D3	
X222	PLUG FP STIFBLEISTE 34P.COD.	1100.3788.00	SAMTEC	STMM-117-01-G-D	
X223	CONNECTOR FP STIFBLEISTE 50P.COD.	1100.3794.00	SAMTEC	STMM-125-01-G-D	
..224	CONNECTOR				
X225	FP STIFBLEISTE 4P.R2,54	0009.8462.00			
X250	PIN CONNECTOR NICHT BESTUECKT	1091.2189.00	FCT	CT09-15S1	
X251	FM BUCHSENLEISTE 15P. HD				
..252	CONNECTOR				
X253	FM STECKERLEISTE 9P.WRAP	0614.3777.00	FCT	F09P4G1	
X254	CONNECTOR FM BUCHSENLEISTE 25P.WRAP	0680.2375.00	FCT	F25S4G1	
X255	CONNECTOR 25P. FO EINBAUBUCHSE 6P.F.GS	1100.3871.00	YAMAICHI	MDIN06K	
X301	CONNECTOR FM BUCHSENLEISTE 24P.F.GS	1091.2237.00	AMP	554501-2	
..302	CONNECTOR				
X303	CONNECTOR FM STECKERLEISTE 9P.WRAP	0614.3777.00	FCT	F09P4G1	
X303	CONNECTOR FM BUCHSENLEISTE 15P. HD	1091.2189.00	FCT	CT09-15S1	

	Benennung: ED MOTHERBOARD Designation:		Sprache: Lang.: de	Blatt: Sh.: 4 +	Aei: C.I.: 02.01
	Typ: Type: CMU	Datum: Date: 00-02-16	Abteilung: Dpt: 1CMK	Name: Name: KR	Sachnr.: Part No.: 1100.0908.01 SA