

Tabelle1

Manufacturer	Manufacturer Number	Designator	Qty	Description	Case	SMD/ TH	PCB side	Comments
Mill-Max	111-93-640-41-001000	U1	1	IC & Component Sockets 40P LONG SOLDER TAIL		TH	Top	Unusual assembly
Microchip	MIC5504-3.3YM5-TR	U2	1	LDO Voltage Regulators Single 300mA LDO	SOT-23-5	SMD	Top	
Texas Instruments	SN74LVC257APWR	U3	1	Multiplexer	TSSOP-16	SMD	Top	
Texas Instruments	SN74LVC245APWR	U4,U5	2	Bustransceiver Tri-State Octal Bus	TSSOP-20	SMD	Top	
any		C1,C2	2	Ceramic capacitor 10uF, 10%, 16V	2012	SMD	Top	
any		C3,C4,C5	3	Ceramic capacitor 100nF, 10%, 16V	1608	SMD	Top	
any		R1	1	Thick film resistor, 100 Ohm, 1%	2012	SMD	Top	
HARTING	9181209622	J1	1	PCB to ribbon cable connector 20P 2 ROW		TH	Top	Can also be other manufacturer
any			1	Ribbon cable, 20 leads, 1,27mm pitch, Length: 13cm			not on PCB	
any			1	Ribbon cable connector, 20 pins (2x10) female, 2.54mm pitch			not on PCB	gold plated contacts if possible