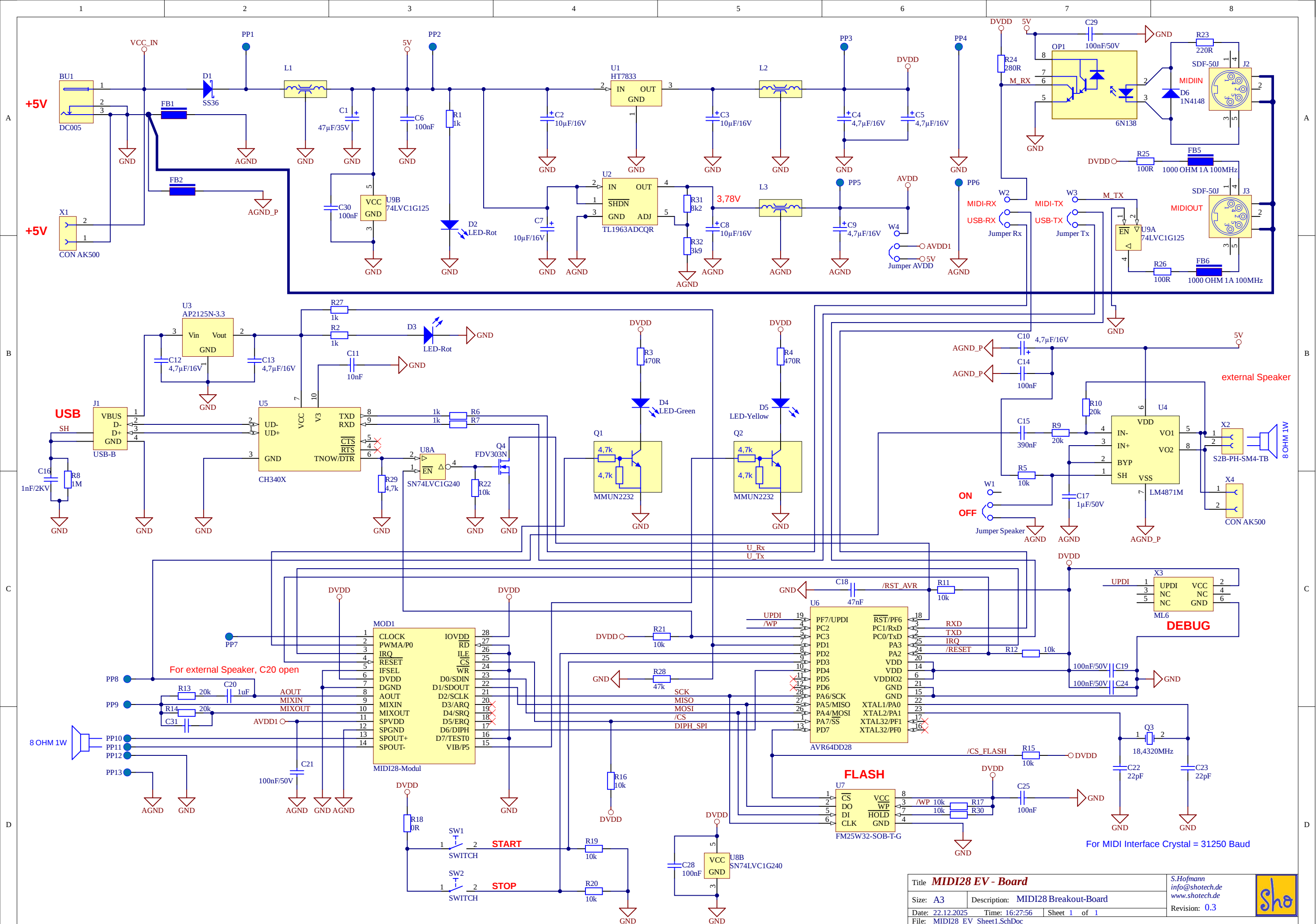
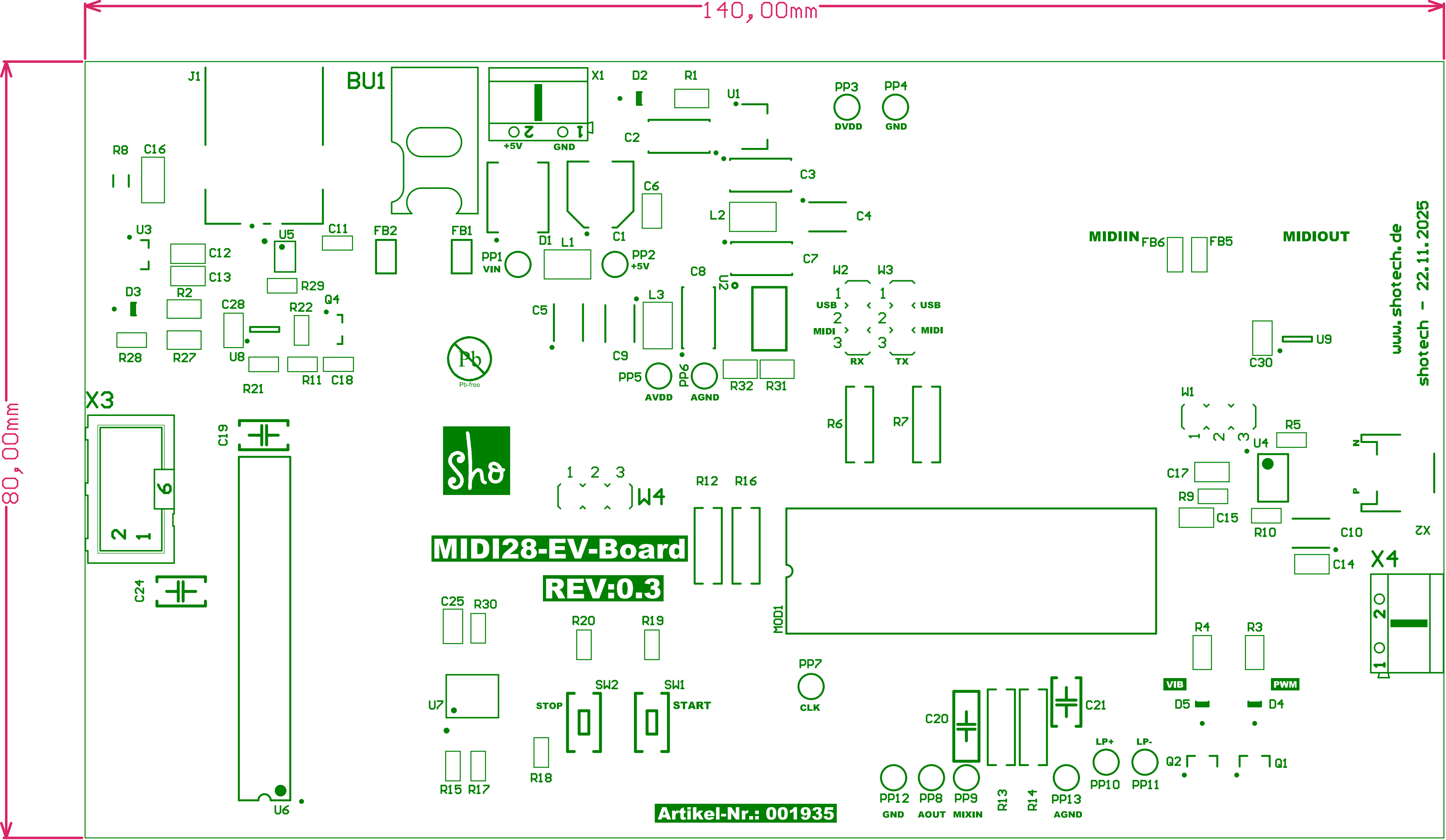








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Bill of Materials

Datum:	22. Dezember 2025
Zeit:	16:28:03
Variant:	Variant of MIDI28-EV-r03-MIDIEXT
Bezeichnung:	MIDI28 EV - Board
Revision:	0.3
Description:	MIDI28 Breakout-Board

Quantity	Designator	Footprint	Bemerkung	Value	MFT	Order-Code	Second-source	shotech
1	BU1	DC10B - slot		DC005		DC005-Gelb		923
3	C19, C21, C24	CAP_Radial_5MM	100nF/50V/±10%/X7R/RM 5.08	100nF/50V	Vishay / BC Components	K104K15X7RF53H5	C322C104K5R5TA - shotech	1347
1	C20	CAP_Radial_5MM	CAP CER 1UF 50V X7R RADIAL	1uF	KEMET	C330C105M5R5CA7303		1414
1	J1	CON-A-USBSB	USB-Buchse B print 90°	USB-B	Assmann WSW	A-USBSB		1618
1	MOD1	PDIP28	32 Polyphony Sound Generator, PCM,ADPCM	MIDI28-Modul	shotech	MIDI28-Modul		1485
13	PP7, PP8, PP9, PP10, PP11,	VERO_Testpoint_Blue	Prüfpunkt					
2	R6, R7	RES10-7.8X2.8 - 1k	Metallsch. 0207 1/4W 1%	1k	frei	RMGK001		1235
2	R12, R16	RES10-7.8X2.8 - 10k	WIDERSTAND, 207, axial, 1%	10k	frei	RMGK010		1233
2	R13, R14	RES10-7.8X2.8 - 22k	WIDERSTAND, 207, axial, 1%	20k				
1	U6	28P3	AVR, 64KB Flash, 8KB SRAM, PDIP28	AVR64DD28	Microchip	AVR64DD28-I/SP		
1	W1	JP2	Jumper 3pin	Jumper 3pin	frei	frei		1564
1	W2	JP2	Jumper 3pin	Jumper 3pin	frei	frei		1564
1	W3	JP2	Jumper 3pin	Jumper 3pin	frei	frei		1564
1	W4	JP2	Jumper 3pin	Jumper 3pin	frei	frei		1564
2	X1, X4	AK500/2	AR-Klemmen 250V 2pol grau	ARK500/2	PTR-Messtechnik	ARK500/2		1576
1	X3	ML6	Stiftleiste, Wire-to-Board, 2.54 mm, 2 Reihe(n), 6 Kontakt(e)	ML6	AMPHENOL ICC	75869-131LF	Harting - 09 18 506 6324	
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