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Bill of Materials

Datum:	18. Dezember 2020
Zeit:	0:31:58
Variant:	Variant of EMU2 Reset
Bezeichnung:	EPROM Emulator2 SHOMU2
Revision:	0.0

Quantity	Designator	Footprint	Bemerkung	Value	MFT	Order-Code	Second-source	shotec
1	BU1	USB_10033526_N3212LF	05P MINI USB B RECPTACLE	10033526-N3212LF	FCI	10033526-N3212LF		000354
1	C1	C0603_N	SMD-Vs-Kond 100nF 16V 10% X7R 0603	100nF	DARFON	CVNF100K0603		
1	C2	C0603_N	SMD-Vs-Kond 10nF 16V 10% X7R 0603	10nF	YAGEO (PHYCOMP)	CC0603KRX7R8BB103		
1	C3	C0805_N	KONDENSATOR,0805,X7R,16V,4.7UF	4,7µF/16V	Murata	GRM21BR71C475KA73L		
2	C4, C5	C0603_N	KONDENSATOR, 0603, NP0, 50V, 22PF, 5%	22pF	TDK Corporation	C1608C0G1H220J080AA		
2	C15, C16	C0805_N	KONDENSATOR, 0805, NP0, 50V, 22PF, 5%	22pF				
3	C21, C22, C23	C0603_N	SMD-Vs-Kond 100nF 50V 10% X7R 0603	100nF/50V	Samsung	CL10B104KB8NNNC		
1	D1	DIOM5126X223N	SMD-TVS-Diode bip 400W 5V SMA	SMAJ5.0A	TAIWAN SEMICONDUCTOR (TSC)	SMAJ5.0A		000372
1	FB1	I0805_NC	FERRIT, SMD 220OHM, 0805, 2A	BLM21PG221SN1D	Murata	BLM21PG221SN1D		
1	LP1			LP-EPROM-EMU2	shotec	EPROM-Emulator2-USB-SMD		001486
2	R7, R14	R0805_N	WIDERSTAND, 0805, 4.7KR, 1% 100ppm	4,7k				
1	S1	SSSS211603	Schiebeschalter 3.5mm SPDT Horizontl 2mm travel	SSSS2	Alps	SSSS211603		001067
1	U2	SOP127P600X175-16N	USB-RS232-Bridge TTL , SO16	CH340G	WCH	CH340G		000849
1	U4	SOP127P1030X265-20N-NXP	Bustransceiver Octal bus Transceiver SO20	SN74HCT245D	Nexperia	74HCT245D,653		
4	U7, U8, U14, U15	SOP127P600X175-16N	8Bit Shift Reg/Outp Latch SO16	74HCT595D		74HCT595D-SMD		000056
1	U17	DBV0006A_N	AND- / OR-Gatter	SN74LVC1G3208DBVR .	Texas Instruments	SN74LVC1G3208DBVR .		
1	U18	DCT0008A_N		SN74LVC2G125DCTR	Texas Instruments	SN74LVC2G125DCTR		
1	Y1	OSCCC320X250X70N	Quarz -SMD 12.000MHz 3.2x2.5mm, 20pF, 30R, 10ppm	12,0000MHz	China	627870671 - X32FG20QSA12000		000850
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