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Bill of Materials

Datum:	27. September 2025
Zeit:	11:35:15
Variant:	None
Bezeichnung:	PS2-Adapter
Revision:	0.3
Description:	PS2 to Kramer MC

Quantity	Designator	Footprint	Bemerkung	Value	MFT	Order-Code	Second-source	shotech
3	C1, C6, C9	CAP_Radial_5MM	100nF/50V/±10%/X7R/RM 5,08	100nF/50V	Vishay / BC Components	K104K15X7RF53H5	C322C104K5R5TA - shotech	001347
1	C2	CAPPR2-5x11	Alu-Elektrolytkondensatoren - verdrahtet 4,7uF 100 Volts 20% RM2.0	4,7uF/100V	SAMWHA	SD2A475M05011BB159		001343
1	C3	CAP_Radial_5MM_0805	Vs-Kond 470nF 63V Z5U RM5	470nF	KEMET	C322C474M5U5TA	FG28X7R1H474KRT06 / TDK	001751
1	C4	CAPPR2-5x11 - RM2.5	10uF/50V/20%/RM2.5/105 °C /2000h	10uF/50V	Chang	RL1H100MC110B25CEH		001339
1	C5	CAP_Radial_5MM	Keramik-Vielschichtkondensator MLCC – 100volts 0.01uF 5% X7R Radial	10nF	Vishay	K103K10X7RH5TH5		001761
2	C7, C8	CAP_Radial_5MM	Ker-Ko 22pF 50V RM5,00 5% NPO/COG	22pF	TDK	FG28C0G1H220JNT06	FG28C0G1H220JNT00	002387
1	CS?		Circuit socket DIP20 präzision	Circuit socket DIP20	ASS	AR 20 HZL-TT		002067
1	D1	LED3MM - RED		LED_3mm	frei			
1	J1	CON-A-USBSB	USB-Buchse B print 90°	USB-B	Assmann WSW	A-USBSB		001618
1	J3	AD-DIO-FS-06	6-pol. Mini-DIN-Buchse, violett, geschirmt	AD-DIO-FS-06		EB-DIOS M06V	MD-60SM - Mouser	002074
1	Q1	HC49/4H_SMX	Quarz 4,000 MHz; 30 ppm, 50ppm 16 pF, 130 Ohm	4MHz	HKC	9SL4000000E16F3FZ000		002124
2	R1, R2	RES10-7.8X2.8 - 1k	Metallsch. 0207 1/4W 1%	1k	frei	RMGK001		001235
3	R3, R4, R5	RES10-7.8X2.8 - 10k	WIDERSTAND, 207, axial, 1%	10k	frei	RMGK010		001233
1	R6	RES10-7.8X2.8 - 330R	WIDERSTAND, 207, axial, 1%	390R				001577
1	U1	DIP-14	USB 2.0 to I²C/UART Protocol Converter with GPIO , PDIP-14	MCP2221A	Microchip	MCP2221A-I/P		001596
1	U2	N020	MC 8bit 1,8V 4kB Flash 20MHz DIP20	ATTINY4313-programmiert	Microchip / Atmel	ATTINY4313-PU		002166
2	W1, W3	JP2	Jumper 3pin	Jumper 3pin	frei	frei		001564
1	W2	3210-26RGOCBKOOA01 - revers		CON-2x13W	SHENZHEN JINLING ELECTRONICS	3210-26RGOCBKOOA01		002184
1	X1	debugWIRE-Debug Attiny	CONN HDR 1.27MM VERT AU 10POS	debugWIRE	HARWIN	M50-3500542	2199SB-10G-301523 - Multicomp	
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