

Ardu-MFP BOM English

Part	Description	Wert	Reichelt	Farnell	Digikey	Conrad	Miscellaneous
U1	IC-Socket, 24-pin, double spring contact		GS24		ED3051-5-ND	1304146 189561	
S1 ... S9	Pushbutton MEC 3FTL6 oder 3FTH9		TASTER 3FTH9		679-3730-5-ND	705268 - 62	
	Cap black, 1P09			1132893	679-2107-ND		
	Cap grey, 1P03				679-2105-ND		
ENC1	11mm Rotary Encoder + Keyswitch, 20 pulses / 20 dents	EN11-HSB1AF20			EN11-HSB1AF20-ND		https://www.ebay.de/itm/28069
	Knob for Rotary Encoder CR-R4-6 oder CR-R4-7			1440011 1440012			gray-black black-white
Alternative encoder with two shafts							
ENC1	11mm rotary encoder, two shafts, PushButton	EC11EBB24C03		2065025			AliExpress
	Knobs for both shafts, 3D print						https://www.thingiverse.com/thing:4245135
J1, J3	Pinheader 2x5		2X40G 2,54				
J2	Pinheader 1x2		2X40G 2,54				
J4	Micro USB Connector, vertical, THT <i>Only necessary when supplied with USB cable</i>			2443141	732-5958-2-ND ??	Farnell 2365803 2537022	
	Printed circuit board ARDU-MFP 1.0						https://aisler.net/p/MHBVXLDE
	Pin socket 2x5pin (2 pc.)		PFL 10				
	Flat ribbon cable AWG 28, 10-pin (30 cm)		AWG 28-10G				
	Ethernet Modul WizNET W5500						https://www.banggood.com/W5500
	LCD Modul 2x16 character, I²C						https://www.banggood.com/IIC-
	Arduino Pro Mini, 5V, 16 MHz						https://www.banggood.com/Wh