

ARDU-NAVCOM BOM english

Part	Qty	Components	Reichelt
S1, S2, S3, S4, S5, S6	6	Pushbutton MEC 3FTL6 oder 3FTH9	TASTER 3FTH9
		Cap grey, 1P03	
		Cap black, 1P09	
	6	Cap white with print, like 1P03	
ENC1	2	12mm Rotary Encoder Switch Schalter + Keyswitch	
	2	Cap CR-R4-6 oder CR-R4-7	
S4	1	SMD tactile switch	KMR 231 G LFS
U3	1	ATmega328-TQFP	ATMEGA 328P-AU
X1	1	SMD Resonator 16.0 MHz, CSTCE16M0V53C	CSTCE 16,0
C1	1	Capacitor	X5R-G0805 10/16
C2, C3, C4, C5	4	Capacitor	X7R-G0603 100N
R1	1	Resistor 10k	
J4	1	Micro USB Connector, vertical, THT	
J3	1	Pinheader 2x5pin	2X40G 2,54
J1/J2	2	Pinheader 1x4pin	SL 1X40G 2,54
FTDI	1	Pinheader 1x6pin	SL 1X40G 2,54
LP1	1	PCB ARDU-NAVCOM	
MODUL	1	W5500 Ethernet Network Modul SPI	
ST1, ST2	2	Pin socket 2x5pin	PFL10
PAN1, PAN2	2	LCD-Panel	
	1	Flat ribbon cable AWG 28, 10-pin (30 cm)	AWG 28-10G 30M
	1	Item set (Screws M2,5x10, screw-nuts, spacer)	
	16	Crimp contacts	
	4	Crimp contact sleeves 4-polig	
	8	Wire ends AWG28	

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Farnell	Digikey	Conrad	Miscellaneous	Note
	679-3730-5-ND	705268 - 62		
	679-2105-ND			
1132893	679-2107-ND			
			Spezialausführung Avionics	
			https://www.ebay.de/itm/28	
1440011			grey-black	
1440012			black-white	
	490-17949-1-ND			CSTNE16M0V53C000R0
2365803				
2537022				
				40pol x2/8 a 0,25€
				40pol x1/10 a 0,22€
			Aisler	
			Banggood	
			Banggood	
				30 m/100