

ARDU-NAVCOM_Dual BOM english

| Part | Qty | Components | Reichelt | Farnell | Digikey | Conrad | Miscellaneous | Note |
|----------------|-----|--|-----------------|---------|----------------|-------------|----------------------------|---|
| S1, S2, S3 | 3 | Pushbutton MEC 3FTL6 oder 3FTH9 | TASTER 3FTH9 | | 679-3730-5-ND | 705268 - 62 | | |
| | | Cap grey, 1P03 | | | 679-2105-ND | | | |
| | | Cap black, 1P09 | | 1132893 | 679-2107-ND | | | |
| | 3 | Cap white with print, like 1P03 | | | | | Sim&IT | special version avionics |
| ENC1 | 2 | ENC-DUAL-PUSHB EC11EBB24C03 | | 2065025 | | | AliExpress | |
| | 2 | Dual Knob | | | | | | https://www.thingiverse.com |
| 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 | | 490-17949-1-ND | | | CSTNE16M0V53C000R0 |
| C1 | 1 | Capacitor | X5R-G0805 10/16 | | | | | |
| C2, C3, C4, C5 | 4 | Capacitor | X7R-G0603 100N | | | | | |
| R1 | 1 | Resistor 10k | | | | | | |
| | | | | 2365803 | | | | |
| J4 | 1 | Micro USB Connector, vertical, THT | | 2537022 | | | | |
| J3 | 1 | Pinheader 2x5pin | 2X40G 2,54 | | | | | 40pol x2/8 a 0,25€ |
| J1/J2 | 2 | Pinheader 1x4pin | SL 1X40G 2,54 | | | | | 40pol x1/10 a 0,22€ |
| FTDI | 1 | Pinheader 1x6pin | SL 1X40G 2,54 | | | | | |
| LP1 | 1 | PCB ARDU-NAVCOM | | | | | Aisler | |
| | | | | | | | | |
| MODUL | 1 | W5500 Ethernet Network Modul SPI | | | | | Banggood | |
| ST1, ST2 | 2 | Pin socket 2x5pin | PFL10 | | | | | |
| PAN1, PAN2 | 2 | LCD-Panel white/blue | | | | | Banggood | |
| | | alternative red/black + I ² C-extension | | | | | | |
| | 1 | Flat ribbon cable AWG 28, 10-pin (30 cm) | AWG 28-10G 30M | | | | | 30 m/100 |
| | 1 | Item set (Screws M2,5x10, screw-nuts, spacer) | | | | | | |
| | 16 | Crimp contacts | | | | | | |
| | 4 | Crimp contact sleeves 4-polig | | | | | | |
| | 8 | Wire ends AWG28 | | | | | | |