

Building the mrusk G1000 panel

Part list for PFD+MFD

Part	Type	Amount	Source
PCB set		1	mrusk
Encoder	EC11	26	https://www.ebay.de/itm/182373237976
ALPS	RKJXT1F42001	2	https://www.ebay.de/itm/164837499516
Switch	6x6x5mm	52	https://www.reichelt.de/kurzhubtaster-6x6mm-hoehe-5-0mm-12v-vertikal-taster-9302-p44579.html
IDC Header	6 pin	18	https://www.ebay.de/itm/362257230215
IDC Plug	6 pin	34	https://www.ebay.de/itm/183463370948
IDC Header	8 pin	8	https://www.ebay.de/itm/312078634350
IDC Plug	8 pin	16	https://www.ebay.de/itm/312252897256
IDC Header	14 pin	8	https://www.ebay.de/itm/312078591715
IDC Plug	14 pin	9	https://www.ebay.de/itm/312252873182
Pin Header	Single row	Ca. 300 pins	https://www.reichelt.de/40pol-stiftleiste-gerade-rm-2-54-sl-1x40g-2-54-p19506.html
Pin Header	Double row	Ca. 70x2 pins	https://www.reichelt.de/2x40pol-stiftleiste-gerade-rm-2-54-sl-2x40g-2-54-p19498.html
Resistor 1/4W	10 k Ω	10	
74HC4067	Module	10	https://www.ebay.de/itm/265408479238
Screw	M3x5mm	30	
Screw	M2x5mm	20	
Ribbon cable	14pin (Split for 6 and 8)		https://www.reichelt.de/flachbandkabel-awg28-14-pol-grau-10m-ring-awg-28-14g-10m-p47653.html
Display	VS104T-003	2	https://de.aliexpress.com/item/4000156062102.html
Arduino MEGA 2560		1	
For OPTIONAL Backlight			
LED white 1206	white	24	https://www.reichelt.de/led-smd-3216-1206-warmweiss-900-mcd-120-led-ll-1206-ww-p156359.html
Resistor 1206	100 Ω	24	https://www.reichelt.de/smd-widerstand-1206-100-ohm-250-mw-1-vis-crcw12061002-p238101.html