

## FSD G1000 v2 Parts List

- Electronic Parts:

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- 10.4 inch LCD with control board VS104T-004A or VS104T-003A
- (5) Dual shaft encoders Part # EC11EBB24C03
- (3) Single shaft encoders Part # EC11E15244G1
- (1) Range Pan Encoder Part # RKJXT1F42001
- (32) white LED tactile switches 6x6x7
- (9) 3mm round LED's white color 2.54mm
- header pins both male and female (various lengths)
- Resistors: (12) 150ohm (2) 300ohm (1) 450ohm (5) 10kohm
- (1) Arduino Mega2560 Pro mini (Embed) (for the Mobiflight Control Board)
- (1) MOSFET Part # RFP30N06LE (used for Mobiflight controlled backlighting)
- 16 Channel Multiplexer (need 1 for the Mobiflight Control board and 3 for the expansion cards)
- (5) 2.54mm shunt Jumpers
- JST 3 pin and 2 pin connectors (you could just use header pins if preferred)
- IDE cables and connectors: 10 pin and 8 pin (these are for the optional expansion cards)
- Panel mounted DC barrel jack (for backlight power connector on rear case)

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- Optional Parts:

- Panel mount usb extension cable (these come in many variants. For connecting to the Arduino card and having a USB plug mounted to the rear case)
- PWM Dimmer module (for externally controlled Backlighting)

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- Hardware Parts:

- (2) M3 x 16mm Hex head
- (2) M3 x 14mm Allen Head
- (4) M3 x 10mm Allen Head
- (8) 3mm Washer
- (2) 3mm Regular Nut
- (2) 3mm Nylon Lock Nut
- (24) M2 x 15mm Round Head
- (36) M2 x 5mm Round Head
- (2) M2 x 4mm Flat Head Screw