FDL-2 BOM

Item	Quantity	Model
Stepper Motor	1	Nema 17 Stepper Motor 2A 45Ncm(64oz.in) Stepperonline 17HS16-2004S
Stepper Driver	1	Pololu DRV8825
Brushless Motor	2	Multistar Elite 2204-2300KV
ESC	2	Afro ESC 12Amp BEC UltraLite Multirotor ESC V3 (SimonK Firmware)
Photon	1	Particle Photon wHeaders
PCB Control	1	FDL-1 CTRL V2
PCB Stepper Driver	1	FDL-1 BSTP V2
PCB Trigger/Speed	1	FDL-2 TRG V1
Volt Meter	1	Hobbyking LED RX Voltage Indicator for Lipoly & LiFe Battery
3.5mm bullet conn male	1	
3.5mm bullet conn female	1	
2mm bullet conn female	4	
XT60 conn male	1	
20A power switch	1	Digikey EG4777-ND
Rotary Switch	1	Digikey CKN10699-ND
Pot Knob	2	Digikey 450-1736-ND
Potentiometer	2	Digikey 987-1649-ND
Resistor 1k	3	
Header 2p Male RgtAng	1	
Header 3p Male	2	
Header 5p Male	1	
Header 5p Fem	1	
Header 8p Fem	2	
Header 12p Fem	2	
2p Fem Crmp Conn/Header	1	
Header Crimp Pin	2	
JST-XH Header 2p	7	Can be replaced with alternalte female header
JST-XH Header 3p	3	" "
JST-XH Header 4p	4	" "
JST-XH Header 6p	2	" "
JST-XH Conn 2p	7	Can be replaced with alternate male connector
JST-XH Conn 3p	5	" "
JST-XH Conn 4p	2	" "
JST-XH Conn 6p	2	" "
JST-XH Crimp Pin	60	
Trigger Button	1	Digikey EG1938-ND
Microswitch	1	Digikey P10864S-ND
Resistor 3.3k	1	
Capacitor 100u	1	
Silicon Wire 16ga Red (ft)	1	
Silicon Wire 16ga Blk (ft)	1	
Silicon Wire 18ga Red (ft)	0.5	
Silicon Wire 18ga Blk (ft)	0.5	
Silicon Wire 22ga Red (ft)	1.6	
Silicon Wire 22ga Blk (ft)	1.6	
24ga wire Red		
24ga wire Blk		
24ga wire Wht		
24ga wire Grn		
24ga wire Blue		

24ga wire Wht/Blue		
24ga wire Brn		
24ga wire Org		
24ga wire Wht/Org		
6-32 Machine Screw 3/8	30	
6-32 Machine Screw 1/2	20	
6-32 Machine Screw 3/4	6	
6-32 Machine Screw 1	1	
10-32 Set Screw 1/4	1	
#6 fender washer	1	
M3x8 Hex Screw	13	
M2x5 Csnk Hex Screw	9	
Spring (Papermate InkJoy)	1	