

PSA Display Pedestal BOM

No.	VENDOR	Size/ Value	Description	Part Number	Qt. Needed	Qt. in Pack	Cost per Pack (USD)	Cost per Unit (USD)	Total Cost
1	TSMD	0.8"x2.5"x10"	Machined 6061 Aluminum Pedestal	MM0101V1	1	2			
2	Woodcraft	NA	Cherry Lumber	NA	NA	NA			
3	Mcmaster Carr	#4-40 to #4-40	Male-Femal Threaded Hex Standoff	93505A430	8	1			
4	Mcmaster Carr	#4-40	Button Head Torx Screw	90910A783	8	25			
5	Mcmaster Carr	1/4"-20	18-8 SS Button Head Torx Screw	90600A629	4	10			
6	Mcmaster Carr	#4-40	Screw-to-Expand Insert for for Plastic	90742A115	4	25			
7	Mcmaster Carr	1/4"-20	Brass Tapping Insert for Hardwood	90016A029	4	25			
8	Mcmaster Carr	1/4"	Installation Bit for Brass Inserts	94110A140	1	1			
9	Mcmaster Carr	5/16"OD, 1/8" Thick	Neodymium Magnet	5862K156	4	1			
10	Adafruit	Display: 0.8"x1"x3" Feather Driver Board: 2"x9"x.165"	Adafruit 0.54" Quad Alphanumeric Featherwing Display- Green	3129	2	1			
11	Adafruit	Display: 0.8"x1"x3" Feather Driver Board: 2"x9"x.165"	Adafruit 0.54" Quad Alphanumeric Featherwing Display- White	3127	2	1			
12	Adafruit	12in cable, #4-40 embedded screws	Panel Mount Extention USB Micro B Cable	3258	1	1			
13	Adafruit	100mm	PST PH 2-Pin Cable - Female Connector	261	1	1			
14	Adafruit	2"x0.9"x0.28"	Feather Huzzah with ESP8266	3046	1	1			
15	Oshpark	1.1'X10'	Font panel PCB	ME0100V1	1	3			
16	Oshpark	1.93"x3.23"	Controller PCB	ME0200V1	1	3			
17	Digikey	100-1000Ohm	Potentiometer	3352T-1-104LF	2	1			
18	Digikey	5A 125V	NKK DPDT ON-ON Pushbutton Switch	UB26KKW015F-FF-ND	1	1			
19	Digikey	0.4A 28V, Black	NKK SPDT ON-(ON) Pushbutton Switch	GB15AP-XA	2	1			
20	Digikey	0.4A 28V, Red	NKK SPDT ON-(ON) Pushbutton Switch	GB15AP-XC	2	1			
21	Digikey	3A 250V	Female Header, 100mil, 1x16, Gold, TH	PPPC161LFBN-RC	2	1			
22	Digikey	1UF 10V	Low ESR X7R Ceramic Capacitor	LMK212B7105KGHTR	2	1			
23	Mouser	1A 3.3V	LDO Voltage Regulator	TLV1117LV33DCYT	1	1			
24	BNTECHGO	6", 26AWG, Blue	Stranded Tinned Copper Silicone Wire	NA	2	NA			
25	BNTECHGO	6", 20AWG, Red	Stranded Tinned Copper Silicone Wire	NA	1	NA			
26	BNTECHGO	6", 20AWG, Black	Stranded Tinned Copper Silicone Wire	NA	1	NA			
27	Amazon (EWUONU)	6.6'	Right Angle Micro USB Charging Cable	NA	1	2			
28	Amazon (BENECREAT)	10"x2.3"	Adhesive backed Velvet Sheet	NA	1	20			
29	Amazon (Instockbolts)	#4-40 SS Hex Nut	SS Hex Nut	NA	2	100			
30	Amazon (FURNIMATE)	20.6mm Adhesive, Clear	Adhesive Clear Round Pad	NA	4	18			
31	Makestickers	3"x3", Clear	Square Stickers	NA	1	5			
32	Amazon (PACKHOME)	13"x9.7"x3.4", Glossy Metallic Purple	Large Gift Box with Magnetic Lid	NA	1	1			
33	ColorFabb	1.75mm, Blue Grey	PLA/PHA Filament	NA	NA	NA			