

TSV Control Panel PCB Bill of Materials

Reference Designator	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost
PCB	-	Control Panel PCB	Lafayette	L17-TSV-3	33each		\$33.00
SW1	-	Pushbutton Switch SPST-NO Keyswitch Surface Mount	RAFI USA	1.14100.5030000	Digikey	1715-1676-1-ND	\$2.40
SW2	-	Pushbutton Switch SPST-NO Keyswitch Surface Mount	RAFI USA	1.14100.5030001	Digikey	1715-1676-1-ND	\$2.40
SW3	-	Pushbutton Switch SPST-NO Keyswitch Surface Mount	RAFI USA	1.14100.5030002	Digikey	1715-1676-1-ND	\$2.40
SW4	-	Pushbutton Switch SPST-NO Keyswitch Surface Mount	RAFI USA	1.14100.5030003	Digikey	1715-1676-1-ND	\$2.40
SW1-Cap	-	PLUNGER 8.0MM X 7.0MM HT	RAFI USA	5.46167.0900209	Digikey	1715-1517-ND	\$0.40
SW2-Cap	-	PLUNGER 8.0MM X 7.0MM HT	RAFI USA	5.46167.0900210	Digikey	1715-1517-ND	\$0.40
SW3-Cap	-	PLUNGER 8.0MM X 7.0MM HT	RAFI USA	5.46167.0900211	Digikey	1715-1517-ND	\$0.40
SW4-Cap	-	PLUNGER 8.0MM X 7.0MM HT	RAFI USA	5.46167.0900212	Digikey	1715-1517-ND	\$0.40
P1	-	4 Positions Header Connector 0.100" (2.54 mm) Surface Mount, Right Angle Gold	Molex, LLC	15912045	Digikey	WM1342-ND	\$2.99
P2	-	45000, Cuttable Positions Header Connector 0.100" (2.54mm) Through Hole Gold or Gold, GXT™	Amphenol FCI	67996-200HLF	Digikey	609-5098-1-ND	\$0.10
D1	-	Red 640nm LED Indication - Discrete 14V Radial	Kingbright	WP56BSRD/B	Digikey	754-1883-ND	\$0.70
Mounting Screw	-	4/40x5/8 Phil Pan Machine Screw	McMaster	90272A112	-	-	\$2.10/100
Standoff	-	3/16" Nylon Spacers	McMaster	94639A200	-	-	\$7.93/100
Locknut	-	4-40 Stainless Steel Nylon-Insert Locknut	McMaster	91831A005	-	-	\$3.83/100