

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer	Alternate PartNumber	Alternate Manufacturer
PCB	1		Printed Circuit Board		SAT0030	Any	-	-
D1, D2, D3, D4	4		LED 0805 574NM SUPER GREEN SMT	0805 (2012 Metric)	SML-LX0805SUGC-TR	Lumex Opto/Components Inc		
FID1, FID2, FID3	3		Fiducial mark. There is nothing to buy or mount.	Fiducial	N/A	N/A		
H1, H2, H3, H4	4		Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Screw	NY PMS 440 0025 PH	B&F Fastener Supply		
H5, H6, H7, H8	4		Standoff, Hex, 1"L #4-40 Nylon	Standoff	1902E	Keystone		
J1, J2	2		CONN HEADER .312 VERT 2POS TIN	eg: 0603, used in PnP report	1-1123724-2	Used in BOM report	-	-
J3, J4, J5, J6	4		2.00mm Pitch Milli-Grid Header, Through Hole, Vertical, 4 Circuits, 0.38um Gold (Au)		0877580416	Molex Incorporated		
R1, R2, R3, R4	4	50.5k	RES, 50.5k ohm, 0.5%, 0.1W, 0603	0603	RT0603DRE0750K5L	Yageo America		
S1, S2, S3, S4	4		Slide Switches SPDT 0.5A 50VDC		103-12100-EV	Mountain Switch		
SMAJ1, SMAJ2, SMAJ3, SMAJ4	4		DIODE TVS 36V 400W UNI 5% SMA	DO-214AC, SMA	SMAJ36A-13-F	Diodes Inc		

Notes:  
Unless otherwise noted in the Alternate PartNumber and/or Alternate Manufacturer columns, all parts may be substituted with equivalents.

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