

Change in menu Project

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer	Alternate PartNumber	Alternate Manufacturer
!PCB1	1		Printed Circuit Board		XX###	Any	-	-
C1	1	10uF	CAP, CERM, 10uF, 6.3V, +/-10%, X7R, 0805	0805	GRM21BR70J106KE76L	MuRata		
C2	1	0.1uF	CAP, CERM, 0.1uF, 100V, +/-5%, X7R, 1206	1206	12061C104JAT2A	AVX		
C3	1	0.1uF	CAP, CERM, 0.1uF, 100V, +/-10%, X7R, 0805	0805	C2012X7R2A104K	TDK		
C4	1	100pF	CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603	0603	06035A101JAT2A	AVX		
C5	1	0.1uF	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603	GCM188R71H104KA57B	MuRata		
C6	1	1uF	CAP, CERM, 1uF, 16V, +/-10%, X5R, 0603	0603	GRM188R61C105KA93D	MuRata	-	-
C7, C8	2	2.2uF	CAP, CERM, 2.2uF, 100V, +/-10%, X7R, 1210	1210	GRM32ER72A225KA35L	MuRata		
D1	1	0.6V	Diode, Schottky, 100V, 0.15A, SOD-123	SOD-123	BAT46W-7-F	Diodes Inc.		
D2, D3	2	200V	Diode, Switching, 200V, 0.2A, SOD-123	SOD-123	BAV21W-7-F	Diodes Inc.		
FID1, FID2, FID3	3		Fiducial mark. There is nothing to buy or mount.	Fiducial	N/A	N/A		
H1, H2, H5, H6	4		Standoff, Hex, 0.5"L #4-40 Nylon	Standoff	1902C	Keystone	-	-
H3, H4, H7, H8	4		Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Screw	NY PMS 440 0025 PH	B&F Fastener Supply	-	-
LBL1	1		Thermal Transfer Printable Labels, 0.650" W x 0.200" H - 10,000 per roll	PCB Label 0.650"H x 0.200"W	THT-14-423-10	Brady	-	-
R1	1	4.99	RES, 4.99 ohm, 1%, 0.125W, 0805	0805	CRCW08054R99FKEA	Vishay-Dale	Equivalent	Any
R2	1	22.1k	RES, 22.1k ohm, 1%, 0.1W, 0603	0603	CRCW060322K1FKEA	Vishay-Dale	Equivalent	Any
R3	1	4.99k	RES, 4.99k ohm, 1%, 0.1W, 0603	0603	CRCW06034K99FKEA	Vishay-Dale	Equivalent	Any
R4	1	59.0k	RES, 59.0k ohm, 1%, 0.25W, 1206	1206	CRCW120659K0FKEA	Vishay-Dale		
R5	1	56.2k	RES, 56.2k ohm, 1%, 0.1W, 0603	0603	CRCW060356K2FKEA	Vishay-Dale		
R6	1	40.2k	RES, 40.2k ohm, 1%, 0.1W, 0603	0603	CRCW060340K2FKEA	Vishay-Dale	-	-
R7	1	953	RES, 953 ohm, 1%, 0.1W, 0603	0603	CRCW0603953RFKEA	Vishay-Dale		
R8	1	8.66k	RES, 8.66k ohm, 1%, 0.1W, 0603	0603	CRCW06038K66FKEA	Vishay-Dale	Equivalent	Any
R9	1	1.00Meg	RES, 1.00Meg ohm, 1%, 0.25W, 1206	1206	CRCW12061M00FKEA	Vishay-Dale		
T1	1		27.4uH; +/-20%; 1:1:1:1:1 Transformer; 0.29A Isat		VPH1-0190-R	Cooper Bussmann	-	-
TP1, TP2, TP3, TP4	4	Double	Terminal, Turret, TH, Double	Keystone1502-2	1502-2	Keystone	Equivalent	Any
U1	1		High Voltage Switch Mode Regulator, 8-pin LLP, Pb-Free	SDC08A	LM5001SDX/NOPB	National Semiconductor		

Notes:

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

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