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Change in menu Project

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer	Alternate PartNumber	Alternate Manufacturer
!PCB	1		Printed Circuit Board		XX###	Any	-	-
C1, C4, C6	3	0.1uF	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603	06035C104KAT2A	AVX		
C2	1	47uF	CAP, CERM, 47uF, 16V, X5R, 10%, 1210	1210	CL32A476KQJNNB	Samsung Electro-Mechanics	-	-
C3, C8	2	1uF	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0603	0603	C1608X7R1E105K080A B	TDK		
C5	1	4.7uF	CAP, CERM, 4.7uF, 50V, +/-10%, X5R, 1206	1206	GRM319R61H475KA12	MuRata		
C7	1	100uF	CAP, Al Electrolytic, 100uF, 63V, 0.2Ohm ESR, SMT	Used in PnP output	63CE100KX	SUNCON	-	-
C9	1	2.2uF	CAP, CERM, 2.2uF, 6.3V, +/-10%, X5R, 0603	0603	C0603C225K9PACTU	Kemet		
Cf	1	100pF	CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603	0603	06035A101JAT2A	AVX		
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, 0.5"L #4-40 Nylon	Standoff	1902C	Keystone	-	-
L1	1	47uH	Inductor, Shielded Drum Core, Ferrite, 47uH, 2.2A, 0.13 ohm, SMD	MSS1038	MSS1038-473MLB	Coilcraft		
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, R4	2	10.0k	RES, 10.0k ohm, 1%, 0.1W, 0603	0603	CRCW060310K0FKEA	Vishay-Dale		
R2	1	140k	RES, 140k ohm, 1%, 0.1W, 0603	0603	CRCW0603140K0FKEA	Vishay-Dale		
R5	1	0	RES, 10.0k ohm, 1%, 0.1W, 0603	0603	CRCW060310K0FKEA	Vishay-Dale		
TP2	1	Red	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint	5010	Keystone		
TP3, TP4, TP5	3	Black	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint	5011	Keystone		
U1	1		3.5Vin to 60Vin 2A Synchronous Step-Down Voltage Regulator	HTSSOP16	LM46002PWP	Texas Instruments	-	-
C10	0	100pF	CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603	0603	06035A101JAT2A	AVX		
FID1, FID2, FID3	0		Fiducial mark. There is nothing to buy or mount.	Fiducial	N/A	N/A		
R3	0	DNP	RES, 10.0k ohm, 1%, 0.1W, 0603	0603	CRCW060310K0FKEA	Vishay-Dale		
TP1	0	Yellow	Test Point, Miniature, Yellow, TH	Yellow Miniature Testpoint	5004	Keystone		

Notes:

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

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