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Change in menu Project

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Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer	Alternate PartNumber	Alternate Manufacturer
!PCB	Quantity 1	value	Printed Circuit Board	rackageReference	XX####	Any	- Alternate Partinumber	- Alternate Manufacturer
C1	1	470pF	CAP, CERM, 470pF, 100V, +/-5%, C0G/NP0, 0805	0805	GRM2165C2A471JA01	MuRata	-	-
C3, C4	2	3300uF	CAP, AL, 3300uF, 16V, +/-20%, 0.035 ohm, SMD	SMT Radial J16	EEV-FK1C332M	Panasonic		
C5, C6, C8	3	1uF	CAP, CERM, 1uF, 100V, +/-20%, C Series, 1206	1206	C3216X7R2A105M	TDK	_	-
C7	1	100uF	CAP, AL, 100uF, 100V, +/-20%, 0.17 ohm, SMD	SMT Radial J16	EEV-FK2A101M	Panasonic		
C9		0.1uF	CAP, CERM, 0.1uF, 100V, +/-10%, X7R, 0603	0603	GRM188R72A104KA35	MuRata	-	-
C10, C12, C13	3	100pF	CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603	0603	GRM1885C1H101JA01	MuRata	-	-
C11	1	4.7uF	CAP CER 4.7UF 10V 10% X6S 0603	0603 (1608 Metric)	C1608X6S1A475K	TDK Corporation	_	-
C14		0.047uF	CAP, CERM, 0.047uF, 25V, +/-10%, X7R, 0603	0603	GRM188R71E473KA01	MuRata	-	-
C15	1	0.47uF	CAP, CERM, 0.47uF, 100V, +/-10%, X7R, 0805	0805	GRM21BR72A474KA73	MuRata		
C16	1	1uF	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0603	0603	C1608X7R1E105K080A	TDK		
C17	1	0.01uF	CAP, CERM, 0.01uF, 100V, +/-5%, X7R, 0603	0603	06031C103JAT2A	AVX		
C18		0.1uF	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603	06035C104KAT2A	AVX		
Cx1	1	1200uF	CAP, Al Electrolytic, 1200uF, 25V, +/-20%, 0.029Ohm ESR, TH		25ME1200AX	SUNCON	-	-
Cx2, Cx3, Cx4, Cx5	4	22uF	CAP, CERM, 22uF, 25V, 10%, 1206	1206	GRM31CR61E226KE15	Murata Electronics	-	-
D2	1	0.57V	DIODE SCHOTTKY 1A 100V SOD-123FL	SOD-123FL	MBR1H100SFT3G	On Semiconductor	_	_
FID1, FID2, FID3	3	0.01 (	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, 0.5"L #4-40 Nylon	Standoff	1902C	Keystone	-	-
L1	1	1.5uH	Inductor, Shielded E Core, Ferrite, 1.5uH, 30A, 0.0015 ohm. SMD	SER29xx	SER2915L-152KL	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	-	-
Q1	1	40V	MOSFET, N-CH, 40V, 100A, PG-TDSON-8	PG-TDSON-8	BSC030N04NS G	Infineon Technologies		None
Q2, Q3	2	60V	MOSFET, N-CH, 60V, 100A, PG-TDSON-8	PG-TDSON-8	BSC028N06LS3 G	Infineon Technologies		None
R1	1	7.5	RESISTOR 7.5 OHM 3/4W 5% 2010	2010	ERJ-12ZYJ7R5U	Panasonic	-	-
R2	1	0.001	RES, 0.001 ohm, 1%, 1W, 2512	2512	WSL25121L000FEA	Vishay/Dale	-	-
R3, R4	2	102	RES, 102 ohm, 1%, 0.1W, 0603	0603	CRCW0603102RFKEA	Vishay-Dale		
R5, R6, R8, R12, R21	5	0	RES, 0 ohm, 5%, 0.1W, 0603	0603	ERJ-3GEY0R00V	Panasonic	-	-
R10	1	26.1k	RES, 26.1k ohm, 1%, 0.1W, 0603	0603	CRCW060326K1FKEA	Vishay-Dale		
R11		3.3	RES, 3.3 ohm, 5%, 0.1W, 0603	0603	CRCW06033R30JNEA	Vishay-Dale	-	-
R13	1	7.87k	RES, 7.87k ohm, 1%, 0.1W, 0603	0603	CRCW06037K87FKEA	Vishay-Dale		
R14		51.1k	RES, 51.1k ohm, 1%, 0.1W, 0603	0603	CRCW060351K1FKEA			
R16	1	40.2k	RES, 40.2k ohm, 1%, 0.1W, 0603	0603	CRCW060340K2FKEA	Vishay-Dale	-	-
R17		9.76k	RES, 9.76k ohm, 1%, 0.1W, 0603	0603	CRCW06039K76FKEA	Vishay-Dale		
R18		9.31k	RES, 9.31k ohm, 1%, 0.1W, 0603	0603	CRCW06039K31FKEA	Vishay-Dale		
R19	1	84.5k	RES, 84.5k ohm, 1%, 0.1W, 0603	0603	CRCW060384K5FKEA	Vishay-Dale	- Facilities	-  -
R20 TP1, TP2, TP3, TP4	4	3.48	RES, 3.48 ohm, 1%, 0.1W, 0603 Standard Banana Jack, Uninsulated, 8.9mm	0603 Keystone575-8	CRCW06033R48FKEA 575-8	Vishay-Dale Keystone	Equivalent Equivalent	Any Any
TP5, TP7	2	Red	Test Point, TH, Multipurpose, Red	Keystone5010	5010	Keystone	Equivalent	Anv
TP6, TP8, TP10		Black	Test Point, TH, Multipurpose, Red Test Point, TH, Multipurpose, Black	Keystone5011	5011	Keystone	Equivalent, -, -	Any, -, -
TP9, TP11	2	White	Test Point, TH, Miniature, White	Keystone5002	5002	Keystone	-	-
TP12	1	White	Test Point, TH, Multipurpose, White	Keystone5012	5012	Keystone	Equivalent	Any
U1	1	0.00		eg: 0603, used in PnP report	LM5122MH	TI	-	-
C2	0	3300uF	CAP, AL, 3300uF, 16V, +/-20%, 0.035 ohm, SMD	SMT Radial J16	EEV-FK1C332M	Panasonic		
D1		0.77V	Diode, Schottky, 100V, 1A, PowerDI123	PowerDI123	DFLS1100-7	Diodes Inc.	-	-
R7	0	158k	RES, 158k ohm, 1%, 0.1W, 0603	0603	CRCW0603158KFKEA	Vishay-Dale		-
R9		DNP	RES, 3.3 ohm, 5%, 0.1W, 0603	0603	CRCW06033R30JNEA	Vishay-Dale	-	-
R15		DNP	RES, 0 ohm, 5%, 0.1W, 0603	0603	ERJ-3GEY0R00V	Panasonic	-	-

Notes:

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

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