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Designator	Quantity	Description	Manufacturer	PartNumber	Alternate Manufacturer	Alternate PartNumber
C1	1	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	MuRata	GRM188R71H104KA93D	-	-
C2	1	CAP, CERM, 2.2uF, 50V, +/-10%, X5R, 1206	MuRata	GRM31CR61H225KA88L	-	-
C3, C4	2	CAP, CERM, 10uF, 6.3V, +/-20%, X5R, 0603	MuRata	GRM188R60J106ME47D	-	-
C5, C7	2	CAP, CERM, 1uF, 6.3V, +/-10%, X5R, 0603	MuRata	GRM188R60J105KA01D	-	-
C6	1	CAP, CERM, 470pF, 50V, +/-10%, X7R, 0603	MuRata	GRM188R71H471KA01D	-	-
D1	1	Diode, Schottky, 40V, 1A, SOD-123FL	ON Semiconductor	MBR140SFT1G	-	-
L1	1	Inductor, Shielded Drum Core, Ferrite, 15uH, 0.73A, 0.55 ohm, SMD	Coilcraft	LPS4012-153MLB	-	-
L2	1	Inductor, Shielded, Composite, 3.3uH, 1.05A, 0.207 ohm, SMD	Coilcraft	XPL2010-332 MLB	-	-
R1	1	RES, 3.32k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW06033K32FKEA	-	-
R2	1	RES, 1.00k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW06031K00FKEA	-	-
R3	1	RES, 107k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW0603107KFKEA	-	-
R4	1	RES, 47.5k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060347K5FKEA	-	-
R5	1	RES, 22.6 ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060322R6FKEA	-	-
U1	1	Simple Switcher, 42Vin, 0.3A Step-Down Voltage Regulator	National Semiconductor	LMR14203	-	-
U2	1	650mA Simple Switcher Nano Module with 5.5V Maximum Input Voltage	National Semiconductor	LMZ10500	-	-

Notes:

Substitutions made according to Alternate PartNumber must meet datasheet parameters, not just the Description specified.

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