



Bill of Materials

TI Designs
TIDA-00394

Item	Designator	Description	RoHS	Manufacturer	PartNumber
1	C1	CAP, AL, 47 μ F, 25 V, +/- 20%, 0.3 ohm, TH	Y	Panasonic	EEU-FM1E470
2	C2	CAP, CERM, 0.1 μ F, 50 V, +/- 10%, COG/NP0, 0402	Y	TDK	C1005X7R1H104K
3	C3	CAP, CERM, 0.1 μ F, 50 V, +/- 10%, COG/NP0, 0402	Y	TDK	C1005X7R1H104K
4	C4	CAP, CERM, 0.1 μ F, 50 V, +/- 10%, COG/NP0, 0402	Y	TDK	C1005X7R1H104K
5	D1	Diode, Schottky, 40 V, 0.2 A, SOT-323	Y	Diodes Inc.	BAS40W-05-7-F
6	Q1	MOSFET, P-CH, -30 V, -1.8 A, TSOP-6	Y	VISHAY	SI3993DV-T1-E3
7	Q2	MOSFET, 2N-CH, 50 V, 0.51 A, SSOT-6	Y	Fairchild Semiconductor	NDC7002N
8	Q3	MOSFET, P-CH, -30 V, -1.8 A, TSOP-6	Y	VISHAY	SI3993DV-T1-E3
9	R1	RES, 2.0 M, 5%, 0.063 W, 0402	Y	Vishay-Dale	CRCW04022M00JNED
10	R2	RES, 66.5 k, 1%, 0.063 W, 0402	Y	Vishay-Dale	CRCW040266K5FKED
11	R3	RES, 2.0 M, 5%, 0.063 W, 0402	Y	Vishay-Dale	CRCW04022M00JNED
12	R4	RES, 76.8 k, 1%, 0.063 W, 0402	Y	Vishay-Dale	CRCW040276K8FKED
13	R5	RES, 49.9 k, 1%, 0.063 W, 0402	Y	Vishay-Dale	CRCW040249K9FKED
14	R6	RES, 499 k, 1%, 0.063 W, 0402	Y	Vishay-Dale	CRCW0402499KFKED
15	R7	RES, 100 k, 5%, 0.063 W, 0402	Y	Vishay-Dale	CRCW0402100KJNED
16	R8	RES, 499 k, 1%, 0.063 W, 0402	Y	Vishay-Dale	CRCW0402499KFKED
17	U1	36V Window Comparator with Internal Reference for Over and Under Voltage Detection, DDC0006A	Y	Texas Instruments	TPS3701DDCR

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