

Filename: TPS92560\_SEPIC\_3n4LED\_REVB\_BOM.xls

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## TPS92560\_SEPIC\_3n4LED\_REVB\_BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	U1	TPS92560	MR16 & AR111 LED Driver	MSOP-10	TPS92560	TI
2	U2, U3	TL431A	Shunt Regulator	SOT-23	TL431A	TI
2	L1, L2	15uH	Inductor, 1.1A	6.0 x 6.0mm	CDRH5D28NP-150NC	Sumida
1	L3	1.5uH	Inductor, 1.75A	1210	LQH32PN1R5NN0	Murata
3	D1-D3	CMSH3-40MA	Schottky Diode, 40V, 3A	SMA	CMSH3-40MA	Central Semi
1	D4	CMDD3003TR	Low Leakage Diode	SOD-323	CMDD3003TR	Central Semi
1	D7	CMHZ4715	Zener Diode, 36V	SOD-123	CMHZ4715	Central Semi
1	Q1	SI2308DS	N-Channel MOSFET, 60V, 2A	SOT-23	SI2308DS	Vishay
1	R1	105Ω	Resistor, Chip, 1/8W	0805	STD	STD
1	R2	36.5kΩ	Resistor, Chip, 1/10W	0603	STD	STD
1	R3	1kΩ	Resistor, Chip, 1/10W	0603	STD	STD
1	R4	0.3Ω	Resistor, Chip, 1/8W	0805	STD	STD
2	R6, R8	4.02kΩ	Resistor, Chip, 1/10W	0603	STD	STD
1	R7	562Ω	Resistor, Chip, 1/10W	0603	STD	STD
1	R9	1.82kΩ	Resistor, Chip, 1/10W	0603	STD	STD
1	R10	1Ω	Resistor, Chip, 1/8W	0805	STD	STD
1	C1	1uF	Capacitor, Ceramic, 25V, X7R	0603	GRM188R71E105KA12D	Murata
1	C2	4.7uF	Capacitor, Ceramic, 25V, X5R	0805	GRM21BR61E475KA12L	Murata
1	C3	1uF	Capacitor, Ceramic, 16V, X5R	0603	GRM188R61C105KA93D	Murata
1	C4	4.7uF	Capacitor, Ceramic, 6.3V, X5R	0603	GRM188R60J475KE19D	Murata
1	C7	1uF	Capacitor, Ceramic, 50V, X7R	0805	GRM21BR71H105KA12L	Murata
1	C8	0.1uF	Capacitor, Ceramic, 50V, X7R	0603	GRM188R71H104KA93D	Murata
1	C9	330uF	Capacitor, Electrolytic, 25V	8.00 Dia mm	ECA-1EHG331	Panasonic
1	C10	1uF	Capacitor, Ceramic, 25V, X7R	0603	GRM188R71E105KA12D	Murata
1	C5	NC	NC	NC	NC	NC
2	D5-D6	NC	NC	NC	NC	NC

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