Bill of Materials

PMP8008 - TPS92560 for SEPIC application

Designator	Mfg. Part Number	Mfg. name	Footprint	Description	Quantity
C1	GRM21BR61E475KA12L	Murata	0805_HV	CAP, CERM, 4.7uF, 25V, +/-10%, X5R, 0805	1
C2, C7	GRM21BR71H105KA12L	Murata	0805_HV	CAP, CERM, 1uF, 50V, +/-10%, X7R, 0805	2
C3, C4	GRM188R71C105KA12D	Murata	0603_HV	CAP, CERM, 1uF, 16V, +/-10%, X7R, 0603	2
C5	NA	NA	NA	NA	0
C6	GRM188R71E224KA88D	Murata	0603_HV	CAP, CERM, 0.22uF, 25V, +/-10%, X7R, 0603	1
C8	GRM188R71H473KA61D	Murata	0603_HV	CAP, CERM, 0.047uF, 50V, +/-10%, X7R, 0603	1
C9	EEUED2V101	Rubycon	Rubycon 330uF, 25V sideway	CAP, AL, 330uF, 25V, +/-20%, TH	1
D1, D2, D3	CMSH3-40MA	Diodes Inc	SMA	Diode, Schottky, 40V, 3A, SMA	3
D4	SD107WS-7-F	Diodes Inc	sod-323	Diode, Schottky, 30V, 0.1A, SOD-323	1
L1, L2	CDRH5D28NP-150NC	coilcraft	CDRH5D28	Inductor, Shielded Drum Core, Ferrite, SMD	2
Q1	SI2328DS	Vishay	SOT-23L	MOSFET, N-CH, 60V, 0.24A, SOT-23	1
R1	CRCW0805105RFKEA	Vishay	0805_HV	RES, 105 ohm, 1%, 0.125W, 0805	1
R2	RC0603FR-07255KL	Yageo	0603_HV	RES, 255k ohm, 1%, 0.1W, 0603	1
R3	CRCW06033K74FKEA	Vishay	0603_HV	RES, 3.74k ohm, 1%, 0.1W, 0603	1
R4	ERJ-6RQFR33V	Yageo	0805_HV	RES, 0.33 ohm, 1%, 0.125W, 0805	1
R5	RC0603JR-070RL	Yageo	0603_HV	RES, 0 ohm, [PackageReference]	0
U1	TPS92560	TI	MUC10A_N	simple LED driver For MR16 And AR111	1

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