

PMP8004

PMP8004 BOM



Literature Number:SNVR092

Item	Designator	Description	Manufacturer	PartNumber	Quantity
1	C1	CAP, Film, 0.047uF, 310Vac, +/-10%, TH	Vishay	BFC233920473	1
2	C2, C8	CAP, CERM, 10uF, 50V, +/-10%, X7R, 1210	MuRata	GRM32ER71H106KA12L	2
3	C3	CAP, CERM, 2.2uF, 16V, +/-10%, X7R, 0805	MuRata	GRM21BR71C225KA12L	1
4	C4, C5, C10	CAP, CERM, 0.1uF, 630V, +/-10%, X7T, 1210	TDK	C3225X7T2J104K	3
5	C6	CAP, CERM, DLP, 1206			0
6	C7	CAP, CERM, 2200pF, 250VAC, X1Y1, TH	Murata	DE1E3KX222MA4BL01	1
7	C9	CAP AL, 470uF, 50V, +/-20%, 0.022 ohm, 12.5x20TH	Panasonic	EEUFR1H471	1
8	C11	CAP, CERM, 15pF, 50V, +/-5%, C0G/NP0, 0603	MuRata	GRM1885C1H150JA01D	1
9	D1	Diode, Switching-Bridge, 600V, 0.8A, MiniDIP	Diodes Inc.	RH06-T	1
10	D3	Diode 150V, 0.2A, 50nS, SOD-123	Diodes Inc.	BAV20W-7-F	1
11	D4	Diode, Ultrafast, 75V, 0.15A, SOD-523F	Comchip	CDSU4148	1
12	D5	Diode, TVS, 300V, 400W, SMA	Littelfuse	SMAJ300ALFCT	1
13	D6	Diode, Ultrafast, 600V, 1A, SMA	Diodes Inc.	US1J-13-F	1
14	D7	Diode, Schottky, 100V, 1A, SMB	MCC	SK310B-LTP	1
15	F1	Fuse - 677_Series, Slo-Blo, 0.5A, 250V, VDE, UL, CSA, CCC	Littelfuse	0677.500MXE	1
16	L1	Inductor, Drum Ferrite 3.3mH 0.1A, 11ohm, TH1	Sumida	RCH895NP-332K	1
17	Q1	MOSFET N-CH, 2.5A, 800V, 4.5ohm, 19nC	ST	STD3NK80Z-1	1
18	R1, R2	RES Metal Film, 3.3ohm, 5%, 1W, TH	Panasonic	ERX-1SJ3R3	2
19	R3, R4	RES, 150k ohm, 1%, 0.25W, 1206	Vishay-Dale	CRCW1206150KFKEA	2
20	R5	RES, 0 ohm, 5%, 0.1W, 0603	Vishay-Dale	CRCW06030000Z0EA	1
21	R6	RES, 17.8k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060317K8FKEA	1
22	R7	RES, 75.0k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060375K0FKEA	1
23	R8	RES, 12.4k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060312K4FKEA	1
24	R9	RES, 15.8k ohm, 1%, 0.25W, 1206	Vishay-Dale	CRCW120615K8FKEA	1
25	R10	RES, 249 ohm, 1%, 0.125W, 0603	Vishay-Dale	CRCW0603249RFKEA	1
26	R12	RES, 0 ohm, 5%, 0.25W, 1206	Vishay-Dale	CRCW12060000Z0EA	1
27	R13	RES, 2.61 ohm, 1%, 0.25W, 1206	Vishay-Dale	CRCW12062R61FKEA	1
28	R14	RES, DLP 0805			0
29	R15	RES, 680k ohm, 5%, 0.25W, 1206	Vishay-Dale	CRCW1206680KJNEA	1
30	T1	Transformer EE-16	Würth Midcom	750845150	1
31	U1	TPS92310 AC/DC controller for LED driver	Texas Instruments	TPS92310	1
32	VDR1	Varistor 300V	EPCOS	S07K300E2	1
33	PCB	1mm thickness, FR4, 1oz copper	FM True		1

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