

PMP8005

PMP8005 BOM



Literature Number:SNVR108

Item	Designator	Description	Manufacturer	PartNumber	Quantity
1	C1	CAP, Film, 0.047uF, 310Vac, +/-10%, TH	Vishay	BFC233920473	1
2	C2	CAP, CERM, 10uF, 50V, +/-10%, X7R, 1210	MuRata	GRM32ER71H106KA12L	1
3	C3	CAP, CERM, 3.3uF, 16V, +/-10%, X7R, 0805	TDK	C2012X7R1C335K	1
4	C4, C5	CAP, CERM, 0.1uF, 630V, +/-10%, X7T, 1210	TDK	C3225X7T2J104K	2
5	C6	CAP, CERM, DLP, 1206			0
6	C7	CAP, CERM, 2200pF, 250VAC, X1Y1, TH	Murata	DE1E3KX222MA4BL01	1
7	C8	CAP, CERM, 10uF, 35V, +/-10%, X7R, 1210	MuRata	GRM32ER7YA106KA12L	1
8	C9	CAP AL, 470uF, 25V, +/-20%, 0.04 ohm, 10x12.5 TH	Panasonic	EEUFR1E471	1
9	C10	CAP, CERM, 22pF, 50V, +/-5%, C0G/NP0, 0603	Murata	GRM1885C1H220JA01D	1
10	D1	Diode, Switching-Bridge, 600V, 0.8A, MiniDIP	Diodes Inc.	RH06-T	1
11	D3	Diode 150V, 0.2A, 50nS, SOD-123	Diodes Inc.	BAV20W-7-F	1
12	D4	Diode, Ultrafast, 75V, 0.15A, SOD-523F	Comchip	CDSU4148	1
13	D5	Diode, TVS, 250V, 400W, SMA	Littelfuse	SMAJ250ALFCT	1
14	D6	Diode, Ultrafast, 600V, 1A, SMA	Diodes Inc.	US1J-13-F	1
15	D7	Diode, Schottky, 100V, 1A, SMA	Diodes Inc.	B1100-13-F	1
16	F1	Fuse, Axial, Slow Blow, 0.5A, 250V	MULTICOMP	MCPMP 0.5A 250V	1
17	L1	Inductor, Drum Ferrite 3.3mH 0.1A, 11ohm, TH1	Murata	22R335C	1
18	Q1	MOSFET N-CH, 2.5A, 800V, 4.5ohm, 19nC	ST	STD3NK80Z-1	1
19	R1	RES Metal Film, 22ohm, 5%, 1W, TH	Panasonic	ERG-1SJ220	1
20	R2	RES Metal Film, 22ohm, 5%, 1W, TH	Panasonic	ERG-1SJ220	1
21	R3, R4	RES, 150k ohm, 5%, 0.25W, 1206	Vishay-Dale	CRCW1206150KJNEA	2
22	R5	RES, 0 ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW06030000Z0EA	1
23	R6	RES, 15.4k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060315K4FKEA	1
24	R7	RES, 75k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060375K0FKEA	1
25	R8	RES, 11.0k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060311K0FKEA	1
26	R9	RES, 15.0k ohm, 1%, 0.25W, 1206	Vishay-Dale	CRCW120615K0FKEA	1
27	R10	RES, 249 ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW0603249RFKEA	1
28	R12	RES, 0 ohm, 5%, 0.25W, 1206	Vishay-Dale	CRCW12060000Z0EA	1
29	R13	RES, 3.24 ohm, 1%, 0.25W, 1206	Vishay-Dale	CRCW12063R24FKEA	1
30	R14	RES, DLP 0805			0
30	R15	RES, 390k ohm, 1%, 0.25W, 1206	Yageo America	RC1206FR-07390KL	1
32	T1	Transformer EE-13	WE	750845041	1
31	U1	TPS92310 AC/DC controller for LED	Texas Instruments	TPS92310	1
34	VDR1	Varistor 300V	EPCOS	S07K300E2	1
35	PCB	45mm(L) X 18.8mm(W) X 1mm(H), FR4, 1oZ	FM True		1

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