Filename: Pro437F.tmp

Variant: 001

Generated: 6/6/2017 7:45:12 AM

TID #: N/A



PMP20634 REV A Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	C1	1	22uF	EKXG401ELL220MK20S	Chemi-Con	CAP, AL, 22 μF, 400 V, +/- 20%, TH	12.5x20mm
2	C2	1	0.1uF	ECQ-U3A104MG	Panasonic	CAP, Film, 0.1 µF, 300 V, +/- 20%, TH	TH, 2-Leads, Body
							15x8mm, Pin
							Spacing 12.5mm
3	C3	1	680uF	EKZE250ELL681MJ20S	Chemi-Con	CAP, AL, 680 μF, 25 V, +/- 20%, TH	D10xL20mm
4	C4	1	10uF	GRM219R61E106KA12	MuRata	CAP, CERM, 10 µF, 25 V, +/- 10%, X5R, 0805	0805
5	C6	1	4.7uF	GRM188R6YA475KE15D	MuRata	CAP, CERM, 4.7 µF, 35 V, +/- 10%, X5R, 0603	0603
6	D1	1	600V	RH06-T	Diodes Inc.	Diode, Switching-Bridge, 600 V, 0.5 A, MiniDIP	MiniDIP
7	D2	1	150V	SMBJ150A-13-F	Diodes Inc.	Diode, TVS, Uni, 150 V, 243 Vc, SMB	SMB
8	D3	1	1.05V	MURA160T3G	ON Semiconductor	Diode, Ultrafast, 600V, 1A, SMA	SMA
9	D4	1	100V	B3100-13-F	Diodes Inc.	Diode, Schottky, 100 V, 3 A, SMC	SMC
10	D5	1	100V	BAS16J,135	NXP Semiconductor	Diode, Switching, 100 V, 0.25 A, SOD-323F	SOD-323F
11	F1	1		0443001.DR	Littelfuse	Fuse, 1 A, 250VAC/VDC, SMD	FUSE
							10.1x3.12x3.13mm
12	L1	1	1mH	744821201	Wurth Elektronik	Coupled inductor, 1 mH, 2 A, 0.045 ohm, TH	15 x 18 x 7.5mm
13	Q1	1	600V	FCD4N60TM	Fairchild Semiconductor	MOSFET, N-CH, 600 V, 3.9 A, DPAK	DPAK
14	R1, R3	2	0	CRCW04020000Z0ED	Vishay-Dale	RES, 0, 5%, 0.063 W, 0402	0402
15	R2	1	73.2k	CRCW040273K2FKED	Vishay-Dale	RES, 73.2 k, 1%, 0.063 W, 0402	0402
16	R4	1	33.2k	CRCW040233K2FKED	Vishay-Dale	RES, 33.2 k, 1%, 0.063 W, 0402	0402
17	R5, R6	2	1.6	CRCW08051R60JNEA	Vishay-Dale	RES, 1.6, 5%, 0.125 W, 0805	0805
18	R8	1	1.33k	CRCW04021K33FKED	Vishay-Dale	RES, 1.33 k, 1%, 0.063 W, 0402	0402
19	T1	1	500uH	750316686	Wurth Elektronik	Transformer, 500 uH, EE16/8/5, TH	EE16/8/5
20	TP1, TP2	2		5012	Keystone	Test Point, Multipurpose, White, TH	White Multipurpose
							Testpoint
21	TP4	1		5010	Keystone	Test Point, Multipurpose, Red, TH	Red Multipurpose
							Testpoint
22	TP5	1		5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose
							Testpoint
23	U1	1		UCC28730DR	Texas Instruments	Constant-Voltage Constant-Current Flyback Controller With PSR and	D0007A
						Wake-Up Monitoring, D0007A (SOIC-7)	
24	Q2	0	30V	AO3406	AOS	MOSFET, N-CH, 30 V, 3.6 A, SOT-23	SOT-23
25	R7	0	115k	CRCW0402115KFKED	Vishay-Dale	RES, 115 k, 1%, 0.063 W, 0402	0402
26	R9	0	7.5k	CRCW04027K50JNED	Vishay-Dale	RES, 7.5 k, 5%, 0.063 W, 0402	0402
27	R16, R17	0	1.00k	CRCW04021K00FKED	Vishay-Dale	RES, 1.00 k, 1%, 0.063 W, 0402	0402
28	R18	0	10.0k	CRCW040210K0FKED	Vishay-Dale	RES, 10.0 k, 1%, 0.063 W, 0402	0402
29	TP6	0		5002	Keystone	Test Point, Miniature, White, TH	White Miniature
							Testpoint
30	U4	0		VOS617A-7X001T	Vishay-Semiconductor	Optocoupler, 3.75 kV, 80-160% CTR, SMT	7x2.12x2.6mm

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