

PMP841_REVA 12V SUPPLY 04/20/04						
Count	RefDes	Value	Part Number	Description	MFR	Size
1	C17	.01uF	Std	Capacitor, Ceramic, .01uF, 50V, X7R, 10%	Std	603
1	C11	0.022uF	Std	Capacitor, Ceramic, 0.015uF, 50V, X7R, 10%	Std	603
1	C1	100uF	EEU-FC1J101	Capacitor, Aluminum, 100uF, 63V, 20% (FC Series)	Panasonic	0.400"
1	C2	OPEN	EEU-FC1J101	Capacitor, Aluminum, 100uF, 63V, 20% (FC Series)	Panasonic	0.400"
1	C10	2.2uF	C2012X5R1C225K	Capacitor, Ceramic, 2.2uF, 16V, X5R, 10%	TDK	805
1	C12	470pF	Std	Capacitor, Ceramic, 470pF, 50V, C0G, 5%	Std	603
1	C15	1uF	Std	Capacitor, Ceramic, 1uF, 16V, X7R, 10%	Std	805
1	C16	10pF	Std	Capacitor, Ceramic, 10pF, 50V, C0G, 5%	Std	603
2	C3, C14	0.1uF	C3216X7R2A104K	Capacitor, Ceramic, .1uF, 100V, X7R, 10%	TDK	1206
1	C4	100pF	Std	Capacitor, Ceramic, 100pF, 50V, C0G, 5%	Std	603
2	C5, C6	0.47uF	C3225X7R2A474KT	Capacitor, Ceramic, 0.47uF, 100V, X7R, 10%	TDK	1210
2	C7, C13	0.1uF	Std	Capacitor, Ceramic, 0.1uF, 25V, X7R, 10%	Std	603
1	C8	2200pF	Std	Capacitor, Ceramic, 2200pF, 50V, X7R, 10%	Std	603
1	C9	470uF	EEV-FK0C471P	Capacitor, Aluminum, SM, 470uF, 16V, 160-milliohms (FK series)	Panasonic	8x10mm
2	D1, D2	HD01	HD01	Bridge Rectifier, 100V, 0.8A, Glass Passivated, SMD		MINI DIP4
1	D3	1SMB54A	1SMB54AT3	Diode, TVS, 54V, 600W	On Semi	SMB
1	D4	MMDL914T1	MMDL914T1	Diode, Switching, 100V, 200mA, 200mW,	OnSemi	SOD-323
2	J1, J2	520252	520252	Connector, Jack, Modular, 8 POS	AMP	0.705 x 0.820
1	J3	PTC36SAAN	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	Sullins	0.100 x 2
1	J4	RAPC 712	RAPC 712	Connector, Pin dia.2.5mm, DC Jack,	Switchcraft	0.57 x 0.35
1	L1	220uH	CDRH127/LD-221	Inductor, SMT, 220uH, 1.4A, 260-milliohm	Sumida	0.472 sq
1	Q1	Si9407AEY	Si9407AEY	MOSFET, P-ch, 60V, 3.5A, 120 milliOhms	Vishay	SO-8
1	Q2	Si4850EY	Si4850EY	MOSFET, N-ch, 60V, 8.5A, 22 milliOhms	Vishay	SO-8
1	Q3	OPEN	{Part Number}	MOSFET, P-ch, vv-V, yy-A, ww-W	{MFR}	DDPAK
1	Q4	OPEN	{Part Number}	MOSFET, N-ch, xx-V, yy-mA, zz-milliOhms	{Mfr}	DDPAK
1	R1	24.9K	Std	Resistor, Chip, 24.9K Ohms, 1/16W, 1%	Std	603
1	R10	121K	Std	Resistor, Chip, 121K Ohms, 1/16W, 1%	Std	603
1	R11	255K	Std	Resistor, Chip, 255K Ohms, 1/16W, 1%	Std	603
1	R12	1K	Std	Resistor, Chip, 1.00K Ohms, 1/16W, 1%	Std	603
1	R13	20K	Std	Resistor, Chip, 20K Ohms, 1/16W, 1%	Std	603
1	R14	5.9K	Std	Resistor, Chip, 5.9K Ohms, 1/16W, 1%	Std	603
1	R15	51.1	Std	Resistor, Chip, 51.1 Ohm, 1/16W, 1%	Std	603
1	R2	86.6K	Std	Resistor, Chip, 86.6K Ohms, 1/16W, 1%	Std	603
1	R3	549	Std	Resistor, Chip, 549 Ohms, 1/10W, 1%	Std	805
1	R4	15.4K	Std	Resistor, Chip, 15.4K Ohms, 1/16W, 1%	Std	603
1	R5	487K	Std	Resistor, Chip, 487K Ohms, 1/16W, 1%	Std	603
1	R6	549K	Std	Resistor, Chip, 549K Ohms, 1/16W, 1%	Std	603
1	R7	2.2	Std	Resistor, Chip, 2.2 Ohms, 1/10W, 5%	Std	805
1	R8	4.7	Std	Resistor, Chip, 4.7 Ohms, 1/10W, 5%	Std	805
1	R9	3.09K	Std	Resistor, Chip, 1.24K Ohms, 1/16W, 1%	Std	603

1	T1	H2019	H2019	Xfmr, Center-tapped, Voice Over IP	Pulse	0.500 x 0.370
2	TP2, TP3	RED	5000	Test Point, Red, 0.100 Centers"	Keystone	0.100"
1	TP5	BLACK	5001	Test Point, Black, 0.100 Centers"	Keystone	0.100"
1	U1	TPS2375PW	TPS2375PW	IC, Hot SwapSwitch for PoE Power Devices	TI	TSSOP8-PW
1	U2	TPS40061PWP	TPS40061PWP	IC, Wide Input Synchronuos Buck Controller, 10-55 V Input	Texas Instruments	PWP16

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