Filename: PMP2181_REVA_bom.xls

Date: 10/16/2006

PMP2181_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C10	82pF	Capacitor, Ceramic, 50V, C0G, 5%	402	Std	Std
1	C18	100pF	Capacitor, Ceramic, 50V, C0G, 5%	402	Std	Std
1	C16	220pF	Capacitor, Ceramic, 50V, C0G, 5%	402	Std	Std
1	C14	1200pF	Capacitor, Ceramic, 50V, X7R, 10%	402	Std	Std
3	C13, C15, C19	0.01uF	Capacitor, Ceramic, 25V, X7R, 10%	402	Std	Std
1	C8	1000pF	Capacitor, Ceramic, 50V, C0G, 10%	603	Std	Std
2	C11, C12	0.1uF	Capacitor, Ceramic, 16V, X7R, 10%	603	Std	Std
1	C17	1uF	Capacitor, Ceramic, 6.3V, X5R, 10%	603	C1608X5R0J105K	TDK
1	C4	0.1uF	Capacitor, Ceramic, 100V, X7R, 10%	805	C2012X7R2A104K	TDK
1	C9	10uF	Capacitor, Ceramic, 16V, X7R, 10%	1206	C3216X7R1C106K	TDK
2	C1, C2	1uF	Capacitor, Ceramic, 100V, X7R, 10%	1210	C3225X7R2A106K	TDK
2	C5, C6	47uF	Capacitor, Ceramic, 10V, X5R, 10%	1210	C3225X5R1A476K	TDK
1	C3	2200pF	Capacitor, Ceramic, 2KV, X7R, 20%	1812	1812CG222MAT	AVX
1	D1		Diode, Schottky, 8.0-A,35-V,	TO-252AA	MBRD835L	On Semi
3	D2, D3, D4		Diode, Switching, 120V, 200mA, 200mW,	SOD-323	BAV19WS	Diodes, Inc
2	J1, J2		Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins
1	Q1		MOSFET, N-ch, 200V, 2.1A, 240milliohm	SO-8	Si4464DY	Vishay
1	Q2		Bipolar, PNP, -40V, -200mA, -200mW	SC-75	MMBT3906TT1	On Semi
1	R17	0	Resistor, Chip, 1/16W, 1%	0402	Std	Std
4	R6, R7, R13, R15	1K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R12	8.25K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R11, R16	11K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R18	13.3K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R14	15K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R9	20K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R8	41.2K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R5	4.7	Resistor, Chip, 1/16W, 5%	0603	Std	Std
1	R4	10	Resistor, Chip, 1/16W, 5%	0603	Std	Std
1	R2	61.9K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R3	39	Resistor, Chip, 1/10W, 5%	0805	Std	Std
1	R1	39K	Resistor, Chip, 1/2 W, 5%	2010	Std	Std
1	R10	1.2	Resistor, Chip, 1/4W, 5%	1206	Std	Std
1	T1		Transformer, PoE 7W, 155 uH. 5V, 1.5A Output	0.500 x 0.600 inch	POE70P-50L	Coilcraft
1	U2		IC, Photocoupler, 3750VRMS, 80-160% CTR	MF4	TCMT1107	Vishay
1	U1		IC, Economy Primary-Side Controller, 15V Startup	DGK8	UCC3809P-2	TI
1	U3		IC, Shunt Regulator, 1.24V Ref, 6V, 10mA, 1%	SOT23-5	TLV431ACDBVR	TI

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