

Filename: PMP7388_REVA_bom.xls

Date: 03/20/2012

PMP7388_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
2	C1, C10	0.1uF	Capacitor, Ceramic, 16V, X7R, 10%	0402	Std	Std
1	C101	47pF	Capacitor, Ceramic, 16V, X7R, 10%	0402	Std	Std
2	C2, C3	1uF	Capacitor, Ceramic, 50V, X7R, 10%	0805	Std	Std
1	C4	22uF	Capacitor, Ceramic, 6.3V, X5R, 20%	0805	Std	Std
2	C5, C9	10uF	Capacitor, Ceramic, 6.3V, X5R, 20%	0603	Std	Std
2	C6, C8	0.01uF	Capacitor, Ceramic, 16V, X7R, 10%	0402	Std	Std
1	C7	330pF	Capacitor, Ceramic, 16V, X7R, 10%	0402	Std	Std
1	D1	RS2AA-13	Diode, Rectifier, 1.5-A, 50-V	SMA	Std	Std
1	D100	15V	Diode, Zener, 15V, 100-mA, 200mW	SOD-523	MM5Z15VT1	On Semi
1	D2	39V	Diode, Zener, 39V, 100-mA, 200mW	SOD-523	MM5Z39VT1	On Semi
1	D3	SK24-TP	Diode, Schottky, 2-A, 40-V	SMB	SK24-TP	Std
1	D4	GREEN	Diode, LED, Green, 2-V, 20-mA	0603	LTST-C190KGKT	Lite On
1	F1	2A	Fuse, Axial, Fast Acting, 2A	0603	F0603E3R00FSTR	AVX
1	FB1	0.01ohm	Bead, SMD Ferrite, 26ohms @ 100MHz, 10mohm DC, 6A	0603	BLM18KG260TN1D	Murata
1	J1	USB-A	Connector, USB TH	14.0 x 14.0 mm	Std	Std
1	L1	22uH	Inductor, Torroid 8mm, 25 turns #24AWG	0603	T38-52 Core	MicroMetals
1	Q1	MMDT3946	Transistor, Dual NPN, 60V, 200mA, 200mW	SC-70	MMDT3946	Diodes
1	Q2	FDC5614P	MOSFET, Pch, -60V, 3.4A, 112-milliohms	TSOP-6	FDC5614P	Fairchild
1	R1	10.5K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R6, R14	100K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R10, R12	1.00K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R13	0	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R15	16.9K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R16	37.4K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R2	200K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R4	20.0K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R3	499K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R5	3.01K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R7	82.5K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R8	237K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R9	2.00K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	U1	TPS54240DGQ	IC, 3.5V-42V Stepdown SWIFT, DC-DC Converter With ECO-Mode	MSOP-10	TPS54240DGQ	TI
1	U2	TPS2511DGN	IC, INTELLIGENT USB CHARGING CONTROLLER WITH CURRENT LIMITING POWER SWITCH	HTSSOP	TPS2511DGN	TI

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