

PMP7371_REVB BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C1	10uF	Capacitor, Ceramic, 6.3V, X5R, 15%	0603	STD	STD
1	C12	1500pF	Capacitor, Ceramic, 50V, X7R, 15%	0402	STD	STD
1	C13	0.01uF	Capacitor, Ceramic, 50V, X7R, 15%	0402	STD	STD
2	C2, C10	0.1uF	Capacitor, Ceramic, 25V, X7R, 15%	0402	STD	STD
2	C3, C4	22uF	Capacitor, Ceramic, 16V, X5R, 15%	1206	STD	STD
1	C6	47pF	Capacitor, Ceramic, 50V, C0G, 5%	0402	STD	STD
2	C8, C14	1uF	Capacitor, Ceramic, 50V, X7R, 15%	0805	STD	STD
1	D1	5.1V	DIODE ZENER 5.1V 200MW SOD-523	SOD-523	MM5Z5V1T1G	On Semi
1	D5	SK24-TP	Diode, Schottky, 2-A, 40-V	SMB	SK24-TP	STD
2	FB1, FB2		Bead, SMD Ferrite, 26ohms @ 100MHz, 10mohm DC, 6A	0603	BLM18KG260TN1D	Murata
1	J1	292303	Connector, USB TH	14.0 x 14.0 mm	292303	STD
1	L2	4.7uH	Inductor, Torroid, T38-18, 12 turns #21AWG	0.11x0.09 inch	Custom	Custom
1	Q1	CSD25302Q2	Trans, Pch NexFET, 20V, 5 A, 56 milliohm	SON 2X2	CSD25302Q2	TI
1	Q2	MBT3906	Transistor, Dual PNP, -40V, -200mA,	SOT-363	MBT3906DW1T1	On Semi
1	Q3	MMST3904-7	TRANS NPN BIPOLAR 40V SC70-3	SOT323	MMST3904-7	Diodes
1	R1	10k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R10	46.4k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R11, R12	49.9k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R13, R18	20k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R14	43.2k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R15	105k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R17	499k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R19	82.5k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
3	R2, R5, R8	1k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R20	237k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R21	75k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
3	R3, R6, R7	4.99k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R4	7.5k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R9	10	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	TP1, TP4	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
2	TP2, TP3	STD	Test Point, O.032 Hole		STD	STD
2	TP5, TP6	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U1	TPS54240DGQ	IC, 3.5V-42V Stepdown SWIFT, DC-DC Converter With ECO-Mode	MSOP-10	TPS54240DGQ	TI
1	U2	TPS2561ADRC	IC, Current-Limited, Power-Distribution Switches	DRC10	TPS2561ADRC	TI

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