Filename: PMP5471_REVA_bom.xls

Date: 05/12/2010

PMP5471_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C1	1000pF	Capacitor, Ceramic, 25V, X7R, 10%	0402	Std	Std
1	C16	1000pF	Capacitor, Ceramic, 16V, X7R, 10%	0402	Std	Std
2	C2, C14	1uF	Capacitor, Ceramic, 25V, X5R, 20%	0603	Std	Std
3	C3, C4, C5	22uF	Capacitor, Ceramic, 25V, X5R, 20%	1210	Std	Std
2	C6, C15	0.1uF	Capacitor, Ceramic, 16V, X7R, 10%	0402	Std	Std
1	C7	330uF	Capacitor, POSCAP, 330uF, 2.5V , 0.009 Ohms, 20%, Case B2	3528(B)	2R5TPE330MA9R	Sanyo
2	C8, C13	10uF	Capacitor, Ceramic, 10V, X5R, 20%	0805	Std	Std
4	C9, C10, C11, C12	100uF	Capacitor, Ceramic, 6.3V, X5R, 20%	1210	Std	Std
1	L1	1uH	Inductor, SMT, 24A, 1.17 milliohm	0.288 x 0.288 inch	7443320100	Wurth Elektronik
1	Q1	CSD86330Q3D	MOSFET, Synchronous Buck NexFET Power Block	QFN-8 POWER	CSD86330Q3D	TI
3	R1, R11, R13	100K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R10	4.7	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R12	10.0K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R14	200K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
3	R2, R3, R16	0	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R4, R6	20.0K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R5	1.00K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
3	R7, R9, R15	Open	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R8	80.6K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
4	TP1, TP3, TP4, TP5	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
2	TP2, TP6	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U1	TPS53219RGT	IC, Single Synchronous Step-Down Controller	QFN-16	TPS53219RGT	TI
2	VIN1	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED1514	OST
	VOUT1	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED1514	OST

Notes:

1. These assemblies are ESD sensitive, ESD precautions shall be observed.
2. These assemblies must be clean and free from flux and all contaminants.
   Use of no clean flux is not acceptable.
3. These assemblies must comply with workmanship standards IPC-A-610 Class 2.
4. Ref designators marked with an asterisk ('**') cannot be substituted.
   All other components can be substituted with equivalent MFG's components.

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