

Filename: PMP1692_REVA_bom.xls

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PMP1692_REVA BOM

COUNT	RefDes	Value	DESCRIPTION	SIZE	Part Number	MFR
1	C1	100uF	Capacitor, Aluminum, 25V, ±20%	0.328 x 0.354 ir	EEVFK1E101P	Panasonic
1	C4	0.1uF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	TDK
1	C5	0.01 uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	TDK
1	C7	220uF	Capacitor, Aluminum, 6.3V, 220uF, ±20%	0.260 x 0.276 ir	EEVFK0J221P	Panasonic
1	C12	0.022uF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	TDK
2	D2	B340	Diode, Schottky, 3-A, 40-V	SMC	B340	Diodes Inc
	D3	B340	Diode, Schottky, 3-A, 40-V	SMC	B340	Diodes Inc
2	J2	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 inch x 2	PTC36SAAN	Sullins
	J3	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 inch x 2	PTC36SAAN	Sullins
1	L1	15uH	Inductor, SMT, 3A, 46milliohm	0.51x0.37 inch	DO3316P-153	Coilcraft
1	R4	10.0k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R5	49.9	Resistor, Chip, 1/16W, 5%	0603	Std	Std
1	R6	3.24k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R7	324	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R8	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
4	TP7	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 ir	5000	Keystone
	TP8	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 ir	5000	Keystone
	TP9	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 ir	5000	Keystone
	TP10	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 ir	5000	Keystone
2	TP11	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 ir	5001	Keystone
	TP12	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 ir	5001	Keystone
1	U1	TPS5430DDA	IC, Switching Step-Down Regulator, 8V - 36V, 3A	SO8[DDA]	TPS5430DDA	TI

- 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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