

Filename: PMP7209REVA - TPS57140_bom.xls

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PMP7209REVA - TPS57140 BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C1	open	Capacitor	Multi sizes	Std	Std
1	C2	2.2uF	Capacitor, Ceramic, 25V, X7R, 15%	1210	Std	Std
1	C3	2.2uF	Capacitor, Ceramic, 100V, X7R, 10%	1210	Std	Std
1	C4	10nF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	Std
1	C5	47uF	Capacitor, Ceramic, 10V, X7R, 15%	1210	Std	Std
1	C6	100nF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	Std
1	C7	1nF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	Std
1	C8	10pF	Capacitor, Ceramic, 50V, C0G, 5%	0603	Std	Std
1	D1	B320	Diode, Schottky, 20V, 3A	SMB	B320	Diodes
2	J1	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25"	ED555/2DS	OST
	J2	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25"	ED555/2DS	OST
2	JP1	PEC02SAAN	Header, Male 2-pin, 100mil spacing	0.100 inch x 2	PEC02SAAN	Sullins
	JP2	PEC02SAAN	Header, Male 2-pin, 100mil spacing	0.100 inch x 2	PEC02SAAN	Sullins
1	L1	22uH	Inductor, SMT, 110mOhm, 1.9A sat, 1.8A rms	0.402 x 0.394 inch	744065220	Wuerth
1	R1	348k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R2	97.6k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R3	237k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R4	49.9k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R5	51.1	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R6	31.6k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R7	10.0k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
7	TP1	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
3	TP2	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
	TP3	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
	TP4	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
	TP5	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
	TP6	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
	TP7	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
	TP8	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
	TP9	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
	TP10	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U1	TPS57140	IC, DC-DC Converter, 42V, 1.5A	MSOP-10	TPS57140DGQRQ1	Texas Instruments

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