

Filename: PMP8521 REV_A_bom.xls

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PMP8521 REV_A BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C1	1uF	Capacitor, Ceramic, 25V, X5R, 10%	0805	STD	STD
1	C2	47nF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	Std
1	C3	1uF	Capacitor, Ceramic, 50V, X7R, 10%	0805	GRM21BR71H105KA12L	muRata
1	C5	220pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	Std
1	D1	MBR0540T1G	Diode, Schottky, 0.5A, 40V	SOD-123	MBR0540T1G	On Semi
2	J1 J6	PEC02SAAN	Header, 2 pin, 100mil spacing,	0.100 inch x 2	PEC02SAAN	Sullins
3	J2-4	PEC02SAAN	Header, 2 pin, 100mil spacing,	0.100 inch x 2	PEC02SAAN	Sullins
1	JP1	PTC36SAAN	Header, 2 pin, 100mil spacing, (36-pin strip)	0.100 inch x 2	PTC36SAAN	Sullins
1	L1	22uH	Inductor, SMT, 0.58A, 311milliohm	0.157 x 0.157 inch	VLCF5020T-220MR75-1	TDK
1	R1	10k	Resistor, Chip, 1/16W, 5%	0603	Std	Std
1	R2	2.21k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R4	332k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	U1	TPS61161DRV	IC, 600KHz/0.7A PWM	SON-6	TPS61161DRV	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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