

Filename: PMP2562 REV_D_bom.xls

Date: 02/15/2008

PMP2562 REV_D BOM

COUNT	RefDes	Value	Description	SIZE	Part Number	MFR
2	C1	10uF	Capacitor, Ceramic, 10-uF, 25-V, X5R, 20%	1206	ECJ-3YB1E106M	Panasonic
1	C2	330p	Capacitor, Ceramic, 330pF, 100-V, [temp], [tol]	0603	std	STD
1	C3	150p	Capacitor, Ceramic, 150pF, 50-V, [temp], [tol]	0603	std	STD
2	C5	1u	Capacitor, Ceramic, 1-uF, 16-V, [temp], [tol]	0805	std	STD
	C7	1u	Capacitor, Ceramic, 1-uF, 16-V, [temp], [tol]	0805	std	STD
	C9	10uF	Capacitor, Ceramic, 10-uF, 25-V, X5R, 20%	1206	ECJ-3YB1E106M	Panasonic
5	D2	MA2SD10	Diode, Schottky, 200-mA, 20-V	0.047 x 0.031 inch	MA2SD10	Panasonic
	D6	MA2SD10	Diode, Schottky, 200-mA, 20-V	0.047 x 0.031 inch	MA2SD10	Panasonic
	D7	MA2SD10	Diode, Schottky, 200-mA, 20-V	0.047 x 0.031 inch	MA2SD10	Panasonic
	D8	MA2SD10	Diode, Schottky, 200-mA, 20-V	0.047 x 0.031 inch	MA2SD10	Panasonic
	D9	MA2SD10	Diode, Schottky, 200-mA, 20-V	0.047 x 0.031 inch	MA2SD10	Panasonic
1	FB1	330 ohms	Ferrite Chip, 330 Ohm @100MHz, 2.5A	0805	MPZ2012S331A	TDK
1	J1	UX60-MB-5ST	Connector, Recpt, USB-B, Mini, 5-pins, SMT	0.354 X 0.303 Inches	UX60-MB-5ST	Hirose Electric Co
1	J2	PTC36SAAN	Header, Male 3-pin, 100mil spacing, (36-pin strip)	0.100 inch x 3	PTC36SAAN	Sullins
1	L1	Transmitting Antenna		123057	PCB COIL	
1	L2	Charging Antenna		123057	PCB COIL	
1	Q1	2N7002K	MOSFET, N-ch, 60-V, 115-mA, 1.2-Ohms	SOT23	2N7002K	Vishay-Liteon
1	R4	3.9k	Resistor, Chip, 3.9K-Ohms, 1/16-W, 1%	0603	Std	Std
1	R5	15k	Resistor, Chip, 15K-Ohms, 1/16-W, 1%	0603	Std	Std
1	R9	100k	Resistor, Chip, 100K-Ohms, 1/16-W, 1%	0603	Std	Std
1	U1	SN74LVC1G14DCK	IC, Single Schmitt-Trigger Inverter	DCK-5	SN74LVC1G14DCK	TI
1	U3	BQ24300TDFN	IC, Li+ Charger Front-End Protection	TDFN-8	BQ24300TDFN	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.

AREA

15390
5650
5650
10560
10560
15390
36080
36080
36080
36080
36080
15.3
117,342
0.043 inch
123057
123057
14105
9100
9100
9100
19,500
35630

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