

Filename: PMP2617 REV_C_bom.xls

Date: 06/04/2008

PMP2617 REV_C BOM

COUNT	RefDes	Value	Description	SIZE	Part Number	MFR	AREA
1	C1	10 uF	Capacitor, Ceramic, 10-uF, 10-V, X5R, 10%	1210	Std	Std	83,600
9	C2	1uF	Capacitor, Ceramic, 1.0-uF, 10-V, X5R, 10%	0805	Std	Std	10560
2	C3	22uF	Capacitor, Ceramic, 22-uF, 6.3-V, X5R, 10%	1206	Std	Std	15390
	C4	1uF	Capacitor, Ceramic, 1.0-uF, 10-V, X5R, 10%	0805	Std	Std	10560
1	C5	10uF	Capacitor, Ceramic, 10-uF, 6.3-V, X5R, 10%	0805	Std	Std	10560
	C6	22uF	Capacitor, Ceramic, 22-uF, 6.3-V, X5R, 10%	1206	Std	Std	15390
	C7	1uF	Capacitor, Ceramic, 1.0-uF, 10-V, X5R, 10%	0805	Std	Std	10560
	C8	1uF	Capacitor, Ceramic, 1.0-uF, 10-V, X5R, 10%	0805	Std	Std	10560
2	C9	2.2uF	Capacitor, Ceramic, 2.2-uF, 6.3-V, X5R, 10%	0805	Std	Std	10560
	C10	2.2uF	Capacitor, Ceramic, 2.2-uF, 6.3-V, X5R, 10%	0805	Std	Std	10560
1	C11	10uF	Capacitor, Ceramic, 10-uF, 6.3-V, X5R, 20%	1206	C3216X5R0J106M	TDK	15390
1	C12	2.2uF	Capacitor, Ceramic, 2.2-uF, 10-V, X5R, 20%	0805	C2012X5R1A225M	TDK	10560
1	C13	100uF	Capacitor, Poscap, 100-uF, 6.3-V, 70-milliohm, 20%	7343 (D)	594D-107X0016C2T	SANYO	62100
	C14	1uF	Capacitor, Ceramic, 1.0-uF, 10-V, X5R, 10%	0805	Std	Std	10560
1	C15	4.7uF	Capacitor, Tantalum, 10V, [temp], [tol]	6032 (C)	TPSR475M010R3000	AVX	39900
14	C16	0.1uF	Capacitor, Ceramic, 100V, X7R, 10%	0805	C2012X7R2A104K	TDK	10560
	C17	0.1uF	Capacitor, Ceramic, 100V, X7R, 10%	0805	C2012X7R2A104K	TDK	10560
	C18	0.1uF	Capacitor, Ceramic, 100V, X7R, 10%	0805	C2012X7R2A104K	TDK	10560
	C19	0.1uF	Capacitor, Ceramic, 100V, X7R, 10%	0805	C2012X7R2A104K	TDK	10560
3	C20	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK	5650
	C21	0.1uF	Capacitor, Ceramic, 100V, X7R, 10%	0805	C2012X7R2A104K	TDK	10560
2	C22	10pF	Std	0603	Std	Std	5650
1	C23	270pF	Capacitor, Ceramic, vvV, [temp], [tol]	0603	STD	STD	5650
3	C24	4.7uF	Capacitor, Ceramic, 4.7uF, 6.3V, X5R	0805	GRM21BR60J475KA11B	muRata	10560
2	C25	10uF	Capacitor, Ceramic, 10uF, 25V, 20%	1206	C3216X5R1E106MT	TDK	15390
	C26	1uF	Capacitor, Ceramic, 1.0-uF, 10-V, X5R, 10%	0805	Std	Std	10560
1	C27	33nF	Capacitor, Ceramic, vvV, [temp], [tol]	0603	STD	STD	5650
1	C28	47nF	Capacitor, Ceramic, vvV, [temp], [tol]	0603	STD	STD	5650
	C29	4.7uF	Capacitor, Ceramic, 4.7uF, 6.3V, X5R	0805	GRM21BR60J475KA11B	muRata	10560
1	C30	270 pF	Capacitor, Ceramic, vvV, [temp], [tol]	0603	STD	STD	5650
	C31	1uF	Capacitor, Ceramic, 1.0-uF, 10-V, X5R, 10%	0805	Std	Std	10560
	C32	10uF	Capacitor, Ceramic, 10uF, 25V, 20%	1206	C3216X5R1E106MT	TDK	15390
1	C33	1.2nF	Capacitor, Ceramic, vvV, [temp], [tol]	0603	STD	STD	5650
	C34	10pF	Std	0603	Std	Std	5650
	C35	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK	5650
	C36	1uF	Capacitor, Ceramic, 1.0-uF, 10-V, X5R, 10%	0805	Std	Std	10560
	C37	0.1uF	Capacitor, Ceramic, 100V, X7R, 10%	0805	C2012X7R2A104K	TDK	10560
	C38	0.1uF	Capacitor, Ceramic, 100V, X7R, 10%	0805	C2012X7R2A104K	TDK	10560
	C39	0.1uF	Capacitor, Ceramic, 100V, X7R, 10%	0805	C2012X7R2A104K	TDK	10560
	C41	0.1uF	Capacitor, Ceramic, 100V, X7R, 10%	0805	C2012X7R2A104K	TDK	10560
	C42	0.1uF	Capacitor, Ceramic, 100V, X7R, 10%	0805	C2012X7R2A104K	TDK	10560
	C43	4.7uF	Capacitor, Ceramic, 4.7uF, 6.3V, X5R	0805	GRM21BR60J475KA11B	muRata	10560
	C44	0.1uF	Capacitor, Ceramic, 100V, X7R, 10%	0805	C2012X7R2A104K	TDK	10560
	C45	0.1uF	Capacitor, Ceramic, 100V, X7R, 10%	0805	C2012X7R2A104K	TDK	10560
2	C47	2.2uF	Capacitor, Ceramic, 25V, X5R, 10%	0805	C2012X5R1E225K	TDK	10560
	C48	2.2uF	Capacitor, Ceramic, 25V, X5R, 10%	0805	C2012X5R1E225K	TDK	10560

	C49	0.1uF	Capacitor, Ceramic, 100V, X7R, 10%	0805	C2012X7R2A104K	TDK	10560
	C50	0.1uF	Capacitor, Ceramic, 100V, X7R, 10%	0805	C2012X7R2A104K	TDK	10560
1	C51	10uF	Capacitor, Ceramic, 10uF, 25V, 20%	1206	C3216X5R1E106MT	TDK	15390
	C52	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK	5650
	C53	1uF	Capacitor, Ceramic, 1.0-uF, 10-V, X5R, 10%	0805	Std	Std	10560
1	C54	10nF	Capacitor, Ceramic, vvV, [temp], [tol]	0603	STD	STD	5650
2	D1	Green	Diode, LED, Green, Gullwing, GW Type		LNJ361C3UR01	Panasonic	.120 * .087"
1	D2	MMBD4148	Diode, 100-V, 600-mA	SOT23	MMBD4148	Fairchild	13419
	D3	Green	Diode, LED, Green, Gullwing, GW Type		LNJ361C3UR01	Panasonic	.120 * .087"
7	D4	BAV199	Diode, Dual Ultra Fast, Series, 200-mA, 80-V	SOT23	BAV199	INFINEON	14105
	D5	BAV199	Diode, Dual Ultra Fast, Series, 200-mA, 80-V	SOT23	BAV199	INFINEON	14105
3	D6	MBR0540	Diode, Schottky, 0.5A, 40V	SOD-123	MBR0540T1G	On Semi	19380
	D7	MBR0540	Diode, Schottky, 0.5A, 40V	SOD-123	MBR0540T1G	On Semi	19380
	D8	BAV199	Diode, Dual Ultra Fast, Series, 200-mA, 80-V	SOT23	BAV199	INFINEON	14105
	D9	BAV199	Diode, Dual Ultra Fast, Series, 200-mA, 80-V	SOT23	BAV199	INFINEON	14105
	D10	BAV199	Diode, Dual Ultra Fast, Series, 200-mA, 80-V	SOT23	BAV199	INFINEON	14105
	D12	BAV199	Diode, Dual Ultra Fast, Series, 200-mA, 80-V	SOT23	BAV199	INFINEON	14105
	D13	BAV199	Diode, Dual Ultra Fast, Series, 200-mA, 80-V	SOT23	BAV199	INFINEON	14105
	D14	MBR0540	Diode, Schottky, 0.5A, 40V	SOD-123	MBR0540T1G	On Semi	19380
12	J1	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins	23100
	J2	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins	23100
	J3	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins	23100
2	J4	PTC36SAAN	Header, 3-pin, 100mil spacing, (36-pin strip)	0.100 x 3	PTC36SAAN	Sullins	34100
	J5	PTC36SAAN	Header, 3-pin, 100mil spacing, (36-pin strip)	0.100 x 3	PTC36SAAN	Sullins	34100
	J6	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins	23100
	J7	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins	23100
	J8	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins	23100
	J9	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins	23100
	J10	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins	23100
	J11	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins	23100
2	J12	PTC36SAAN	Header, 5-pin, 100mil spacing, (36-pin strip)	0.100 x 5	PTC36SAAN	Sullins	56100
	J13	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins	23100
1	J14	PTC36SAAN	Header, 4-pin, 100mil spacing, (36-pin strip)	0.100 x 4	PTC36SAAN	Sullins	45100
	J15	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins	23100
8	J16		Terminal Block, 2-pin, 6-A, 3.5mm	6/21/2000 21:46	ED1514	OST	0.27 x 0.25"
3	J17		Header, 2-pin, 100mil spacing, (36-pin strip)	6/21/2000 21:46	PTC36SAAN	Sullins	0.100 x 2"
	J18		Header, 2-pin, 100mil spacing, (36-pin strip)	6/21/2000 21:46	PTC36SAAN	Sullins	0.100 x 2"
	J19		Header, 2-pin, 100mil spacing, (36-pin strip)	6/21/2000 21:46	PTC36SAAN	Sullins	0.100 x 2"
	J20		Terminal Block, 2-pin, 6-A, 3.5mm	6/21/2000 21:46	ED1514	OST	0.27 x 0.25"
	J21		Terminal Block, 2-pin, 6-A, 3.5mm	6/21/2000 21:46	ED1514	OST	0.27 x 0.25"
	J22		Terminal Block, 2-pin, 6-A, 3.5mm	6/21/2000 21:46	ED1514	OST	0.27 x 0.25"
	J23		Terminal Block, 2-pin, 6-A, 3.5mm	6/21/2000 21:46	ED1514	OST	0.27 x 0.25"
	J24		Terminal Block, 2-pin, 6-A, 3.5mm	6/21/2000 21:46	ED1514	OST	0.27 x 0.25"
	J25	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins	23100
	J26		Terminal Block, 2-pin, 6-A, 3.5mm	6/21/2000 21:46	ED1514	OST	0.27 x 0.25"
	J27	PTC36SAAN	Header, 5-pin, 100mil spacing, (36-pin strip)	0.100 x 5	PTC36SAAN	Sullins	56100
	J28		Terminal Block, 2-pin, 6-A, 3.5mm	6/21/2000 21:46	ED1514	OST	0.27 x 0.25"
2	JP1	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins	23100
2	JP2		Header, 3-pin, 100mil spacing, (36-pin strip)	0.100 x 3	PTC36SAAN	Sullins	34100
	JP3	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins	23100
	JP4		Header, 3-pin, 100mil spacing, (36-pin strip)	0.100 x 3	PTC36SAAN	Sullins	34100

1	L1	10uH	Inductor, SMT, 0.7A, 350milliohm	0.153 x 0.153 inch	LPS4012-103ML	Coilcraft	42800
1	L2	5.6uH	Inductor, SMT, 1.3A, 260milliohm	0.153 x 0.153 inch	LPS4012-562ML	Coilcraft	42800
1	L3	4.7uH	Inductor, SMT, 3A, 76milliohm	0.255 x 0.270 inch	IHLP2525AH-01	Vishay	95200
2	L4	33uH	Inductor, SMT, 1.31A, 166milliohm	0.300 sq"	DR73-330-R	Coiltronics	122500
	L5	33uH	Inductor, SMT, 1.31A, 166milliohm	0.300 sq"	DR73-330-R	Coiltronics	122500
1	Q1	2N7002	MOSFET, N-ch, 60-V, 115-mA, 1.2-Ohms	SOT23	2N7002DICT	Vishay-Liteon	14105
1	Q2	Si2323	MOSFET, Pch, -20V,-3.5A, 68 milliohm	SOT23	Si2323	Siliconix	17792
1	Q3	FM593	Bipolar, PNP, 120-V, 1-A, 500-mW	SOT23	FM593	ZETEX	14105
3	Q4	PBSS9110T	Bipolar, PNP, 100-V, 1-A, 480-mW	SOT23	PBSS9110T	PHILIPS	14105
3	Q5	PBSS8110T	Bipolar, NPN, 100-V, 1-A, 480-mW	SOT23	PHILIPS	PBSS8110T	14105
	Q6	PBSS8110T	Bipolar, NPN, 100-V, 1-A, 480-mW	SOT23	PHILIPS	PBSS8110T	14105
2	Q7	MMBT3904	Bipolar, NPN, 40V, 200mA, zz-W	SOT23	MMBT3904		14105
3	Q8	MMBT3906	Bipolar, PNP, 40-V, 200-mA, 300-mW	SOT23	MMBT3906LT1	On Semi	14105
1	Q9	IRLML2803	MOSFET, N-ch, 30-V,1.2-A, 250-milliohm	SOT23	IRLML2803	IR	14105
	Q10	MMBT3906	Bipolar, PNP, 40-V, 200-mA, 300-mW	SOT23	MMBT3906LT1	On Semi	14105
	Q11	MMBT3904	Bipolar, NPN, 40V, 200mA, zz-W	SOT23	MMBT3904		14105
1	Q12	IRLML5203	MOSFET, Pch, -30V,-2.6A, 100 milliohm	MICRO3	IRLML5203	IR	14105
	Q13	MMBT3906	Bipolar, PNP, 40-V, 200-mA, 300-mW	SOT23	MMBT3906LT1	On Semi	14105
	Q14	PBSS9110T	Bipolar, PNP, 100-V, 1-A, 480-mW	SOT23	PBSS9110T	PHILIPS	14105
	Q15	PBSS9110T	Bipolar, PNP, 100-V, 1-A, 480-mW	SOT23	PBSS9110T	PHILIPS	14105
	Q16	PBSS8110T	Bipolar, NPN, 100-V, 1-A, 480-mW	SOT23	PHILIPS	PBSS8110T	14105
1	Q17	FM593	Bipolar, NPN, 120-V, 1-A, 500-mW	SOT23	ZETEX	FM593	14105
2	Q18	MMBT3904LT1	Bipolar, NPN, xx-V, yy-mA, zz-W	SOT23	MMBT3904LT1	On Semi	14105
	Q19	MMBT3904LT1	Bipolar, NPN, xx-V, yy-mA, zz-W	SOT23	MMBT3904LT1	On Semi	14105
2	Q20	MMBT3906LT1	Bipolar, PNP, xx-V, yy-mA, zz-W	SOT23	MMBT3906LT1	On Semi	14105
	Q21	MMBT3906LT1	Bipolar, PNP, xx-V, yy-mA, zz-W	SOT23	MMBT3906LT1	On Semi	14105
2	R1	1.65k	Resistor, Chip, 1.65k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
13	R2	10k	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
	R3	10k	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
2	R4	130	Resistor, Chip, 130-Ohms, 1/16-W, 1%	0603	Std	Std	9100
	R5	1.65k	Resistor, Chip, 1.65k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
	R6	10k	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
1	R7	10	Resistor, Chip, 10-Ohms, 1/16-W, 1%	0603	Std	Std	9100
	R8	10k	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
	R9	10k	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
1	R10	100	Resistor, Chip, 100-Ohms, 1/16-W, 1%	0603	Std	Std	9100
1	R11	249 k	Resistor, Chip, 249k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
1	R12	499	Resistor, Chip, 499-Ohms, 1/16-W, 1%	0603	Std	Std	9100
	R13	10k	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
	R14	10k	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
	R15	10k	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
	R16	10k	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
1	R17	69.8k	Resistor, Chip, 69.8k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
	R18	130	Resistor, Chip, 130-Ohms, 1/16-W, 1%	0603	Std	Std	9100
2	R19	0	Resistor, Chip, 0-Ohms, 1/16-W, 1%	0603	Std	Std	9100
1	R20	49.9k	Resistor, Chip, 49.9k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
	R21	0	Resistor, Chip, 0-Ohms, 1/16-W, 1%	0603	Std	Std	9100
	R22	10k	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
	R23	10k	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
	R24	10k	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	0603	Std	Std	9100
	R25	10k	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	0603	Std	Std	9100

1	R26	0	Resistor, Chip, 0-Ohms, 1/16-W, 1%	0603	Std	Std	9100
1	R27	560k	Resistor, Chip, 560k-Ohms, 1/10-W, 1%	0805	Std	Std	10560
1	R28	100k	Resistor, Chip, 100k-Ohms, 1/10-W, 1%	0805	Std	Std	10560
1	R29	180k	Resistor, Chip, 180k-Ohms, 1/10-W, 1%	0805	Std	Std	10560
1	R30	4.7k	Resistor, Chip, 4.7k-Ohms, 1/10-W, 1%	0805	Std	Std	10560
1	R31	1M0	Resistor, Chip, 1M0-Ohms, 1/10-W, 1%	0805	Std	Std	10560
2	R32	47	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
2	R33	10k	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
2	R34	8.2k	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
2	R35	1M	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
1	R36	357k	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
1	R37	6.8K	Resistor, Chip, 6.8K Ohms, 1/16-W, 1%	0603	Std	Std	5650
1	R38	118K	Resistor, Chip, 111K-Ohms, 1/16-W, 0.1%	0603	Std	Std	5650
2	R39	15k	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
2	R40	499	Resistor, Chip, 499 Ohms, 1/16-W, 1%	0603	Std	Std	5650
2	R41	100k	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
1	R42	1K	Resistor, Chip, 1K Ohms, 1/16-W, 1%	0603	Std	Std	5650
1	R43	10K	Resistor, Chip, 10K-Ohms, 1/16-W, 0.1%	0603	Std	Std	5650
	R44	499	Resistor, Chip, 499 Ohms, 1/16-W, 1%	0603	Std	Std	5650
2	R45	2.2K	Resistor, Chip, 2.2K-Ohms, 1/16-W, yy%	0603	Std	Std	5650
1	R46	20K	Resistor, Chip, 20K-Ohms, 1/16-W, 1%	0603	Std	Std	5650
	R47	2.2K	Resistor, Chip, 2.2K-Ohms, 1/16-W, yy%	0603	Std	Std	5650
1	R48	1.5K	Resistor, Chip, 1.5K-Ohms, 1/16-W, 1%	0603	Std	Std	5650
2	R49	20K	Resistor, Chip, 20K-Ohms, 1/16-W, 0.1%	0603	Std	Std	5650
1	R50	9.31K	Resistor, Chip, 9.31K-Ohms, 1/16-W, 0.1%	0603	Std	Std	5650
1	R51	5.6K	Resistor, Chip, 5.6K Ohms, 1/16-W, 1%	0603	Std	Std	5650
	R52	100k	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
1	R53	27K	Resistor, Chip, 27K Ohms, 1/16-W, 1%	0603	Std	Std	5650
	R54	15k	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
1	R55	806K	Resistor, Chip, 806K-Ohms, 1/16-W, 1%	0603	Std	Std	5650
1	R56	118K	Resistor, Chip, 118K-Ohms, 1/16-W, 0.1%	0603	Std	Std	5650
1	R57	590k	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
	R58	1M	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
	R59	8.2k	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
	R60	20K	Resistor, Chip, 20K-Ohms, 1/16-W, 0.1%	0603	Std	Std	5650
	R61	47	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
	R62	10k	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
3	R63	1.2K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
2	R64	9.09K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
	R65	9.09K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
2	R66	10	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
	R67	10	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
2	R68	47.5K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
	R69	1.2K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
	R70	47.5K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
	R71	1.2K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
1	R72	2.1K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
1	R73	19.1K	Resistor, Chip, 19.1K-Ohms, 1/16-W, yy%	0603	Std	Std	5650
1	R74	14.7K	Resistor, Chip, 14.7K Ohms, 1/16-W, 1%	0603	Std	Std	5650
1	R75	2.9K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	5650
1	R76	8.66K	Resistor, Chip, 8.66K-Ohms, 1/16-W, 0.1%	0603	Std	Std	5650

1	R77	681K	Resistor, Chip, 681K-Ohms, 1/16-W, 1%	0603	Std	Std	5650
2	S1	KT11P2JM	Switch, SPST, PB Momentary, Sealed Washable	0.245 X 0.251	KT11P2JM	C & K	111,600
	S2	KT11P2JM	Switch, SPST, PB Momentary, Sealed Washable	0.245 X 0.251	KT11P2JM	C & K	111,600
1	U1	TPS65010RGZ	IC, Power & Battery Management for OMAP Systems	0.282 x 0.282	TPS65010RGZ	TI	116,964
1	U2	TPS61032PWP	IC, Li ION, Boost converter	PWP16	TPS61032PWP	Texas Instruments	67162
1	U3	TPS77033DBV	IC, Micro-Power 50 mA LDO Regulator	SOT23-5	TPS77033DBV	TI	16384
1	U4	TL1451ACNS	IC, Dual Channel PWM Controller	NS16	TL1451ACNS	TI	140859
1	U5	TL431AIDBZ	IC, Precision Adjustable Shunt Regulator	SOT23-3	TL431AIDBZ	TI	16384
1	U6	TLE2142	IC, Precision Dual Operational Amplifiers	SO8	TLE2142ACDR	TI	75900
1	U7	TLV5628CDW	8-Bit, 10 us Octal DAC, Serial Input, Pgrmable 1x or 2x Output, Low Power	DW16	TLV5628CDW	Texas Instruments	
1	PCB		PMP2617 Rev_B				

- 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.

IMPORTANT NOTICE

Texas Instruments Incorporated and its subsidiaries (TI) reserve the right to make corrections, modifications, enhancements, improvements, and other changes to its products and services at any time and to discontinue any product or service without notice. Customers should obtain the latest relevant information before placing orders and should verify that such information is current and complete. All products are sold subject to TI's terms and conditions of sale supplied at the time of order acknowledgment.

TI warrants performance of its hardware products to the specifications applicable at the time of sale in accordance with TI's standard warranty. Testing and other quality control techniques are used to the extent TI deems necessary to support this warranty. Except where mandated by government requirements, testing of all parameters of each product is not necessarily performed.

TI assumes no liability for applications assistance or customer product design. Customers are responsible for their products and applications using TI components. To minimize the risks associated with customer products and applications, customers should provide adequate design and operating safeguards.

TI does not warrant or represent that any license, either express or implied, is granted under any TI patent right, copyright, mask work right, or other TI intellectual property right relating to any combination, machine, or process in which TI products or services are used. Information published by TI regarding third-party products or services does not constitute a license from TI to use such products or services or a warranty or endorsement thereof. Use of such information may require a license from a third party under the patents or other intellectual property of the third party, or a license from TI under the patents or other intellectual property of TI.

Reproduction of TI information in TI data books or data sheets is permissible only if reproduction is without alteration and is accompanied by all associated warranties, conditions, limitations, and notices. Reproduction of this information with alteration is an unfair and deceptive business practice. TI is not responsible or liable for such altered documentation. Information of third parties may be subject to additional restrictions.

Resale of TI products or services with statements different from or beyond the parameters stated by TI for that product or service voids all express and any implied warranties for the associated TI product or service and is an unfair and deceptive business practice. TI is not responsible or liable for any such statements.

TI products are not authorized for use in safety-critical applications (such as life support) where a failure of the TI product would reasonably be expected to cause severe personal injury or death, unless officers of the parties have executed an agreement specifically governing such use. Buyers represent that they have all necessary expertise in the safety and regulatory ramifications of their applications, and acknowledge and agree that they are solely responsible for all legal, regulatory and safety-related requirements concerning their products and any use of TI products in such safety-critical applications, notwithstanding any applications-related information or support that may be provided by TI. Further, Buyers must fully indemnify TI and its representatives against any damages arising out of the use of TI products in such safety-critical applications.

TI products are neither designed nor intended for use in military/aerospace applications or environments unless the TI products are specifically designated by TI as military-grade or "enhanced plastic." Only products designated by TI as military-grade meet military specifications. Buyers acknowledge and agree that any such use of TI products which TI has not designated as military-grade is solely at the Buyer's risk, and that they are solely responsible for compliance with all legal and regulatory requirements in connection with such use.

TI products are neither designed nor intended for use in automotive applications or environments unless the specific TI products are designated by TI as compliant with ISO/TS 16949 requirements. Buyers acknowledge and agree that, if they use any non-designated products in automotive applications, TI will not be responsible for any failure to meet such requirements.

Following are URLs where you can obtain information on other Texas Instruments products and application solutions:

Products

Audio	www.ti.com/audio
Amplifiers	amplifier.ti.com
Data Converters	dataconverter.ti.com
DLP® Products	www.dlp.com
DSP	dsp.ti.com
Clocks and Timers	www.ti.com/clocks
Interface	interface.ti.com
Logic	logic.ti.com
Power Mgmt	power.ti.com
Microcontrollers	microcontroller.ti.com
RFID	www.ti-rfid.com
OMAP Mobile Processors	www.ti.com/omap
Wireless Connectivity	www.ti.com/wirelessconnectivity

Applications

Communications and Telecom	www.ti.com/communications
Computers and Peripherals	www.ti.com/computers
Consumer Electronics	www.ti.com/consumer-apps
Energy and Lighting	www.ti.com/energy
Industrial	www.ti.com/industrial
Medical	www.ti.com/medical
Security	www.ti.com/security
Space, Avionics and Defense	www.ti.com/space-avionics-defense
Transportation and Automotive	www.ti.com/automotive
Video and Imaging	www.ti.com/video

TI E2E Community Home Page

e2e.ti.com

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
Copyright © 2011, Texas Instruments Incorporated