

PMP403 Rev A Bill Of Materials

1/31/03

RefDes	Part Number	Description	Mfr
C1	C3225X5R1H335M	Capacitor, Ceramic, 3.3-uF, 50-V, X5R, 20%, 1210	TDK
C10	Std	Capacitor, Ceramic, 220-pF, 16-V, COG, 20%	Std
C100	C3225X5R1C106M	Capacitor, Ceramic, 10-uF, 16-V, X5R, 20%, 1210	TDK
C11	Std	Capacitor, Ceramic, 0.1-uF, 16-V, X7R, 20%, 0603	Std
C12	Std	Capacitor, Ceramic, 0.1-uF, 16-V, X7R, 20%, 0603	Std
C13	C3225X7R2A474M	Capacitor, Ceramic, 0.47-uF, 100-V, X7R, 20%, 1210	TDK
C14	C3225X7R2A474M	Capacitor, Ceramic, 0.47-uF, 100-V, X7R, 20%, 1210	TDK
C15	EEVFK2A220P	Capacitor, Aluminum, SM, 22-uF, 100-V, FK series	Panasonic
C2	C3225X5R1H335M	Capacitor, Ceramic, 3.3-uF, 50-V, X5R, 20%, 1210	TDK
C3	EEVFK1V470P	Capacitor, Aluminum, 47-uF, 35-V, 20%, FK Series	Panasonic
C4	Std	Capacitor, Ceramic, 100-pF, 16-V, COG, 20%	Std
C5	Std	Capacitor, Ceramic, 100-pF, 16-V, COG, 20%	Std
C6	Std	Capacitor, Ceramic, 0.1-uF, 16-V, X7R, 20%, 0603	Std
C7	Std	Capacitor, Ceramic, 0.1-uF, 16-V, X7R, 20%, 0603	Std
C8	Std	Capacitor, Ceramic, 0.1-uF, 16-V, X7R, 20%, 0603	Std
C9	Std	Capacitor, Ceramic, 6800-pF, 16-V, X7R, 20%	Std
D1	60CWQ10FN	Diode, Dual Schottky, 7-A, 100-V	International Rectifier
D3	BZX84C12LT1	Diode, Zener, 12-V, SOT23	On Semi
J1	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	OST
J2	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	OST
L1	UP4B-680	Inductor, SMT, 68-uH, 2.4-A, 120-milliohm	Cooper
Q1	Si7454DP	MOSFET, NChannel, 100V, 7.2A, 40 milliohm	
Q2	MMBT2222LT1	Bipolar, NPN, 30-V, 600-mA	ON Semi
Q3	FZT655	Bipolar, NPN, 150-V, 1-A	Zetex
R1	ERJ-1WRQJR22	Resistor, Chip, 0.22-Ohms, 1-W, 5%	Panasonic
R10	Std	Resistor, Chip, 6.34k, 1/16-W, 1%, 0603	Std
R100	Std	Resistor, Chip, 49.9k, 1/10-W, 1%, 0805	Std
R11	Std	Resistor, Chip, 32.4k, 1/16-W, 1%, 0603	Std
R12	Std	Resistor, Chip, 32.4k, 1/16-W, 1%, 0603	Std
R13	Std	Resistor, Chip, 11.5k, 1/16-W, 1%, 0603	Std
R14	Std	Resistor, Chip, 0.0 Ohms, 0603	Std
R2	Std	Resistor, Chip, 1k, 1/16-W, 1%, 0603	Std
R3	Std	Resistor, Chip, 20k, 1/16-W, 1%, 0603	Std
R4	Std	Resistor, Chip, 10.5k, 1/16-W, 1%, 0603	Std
R5	Std	Resistor, Chip, 76.8k, 1/16-W, 1%, 0603	Std
R7	Std	Resistor, Chip, 10.5k, 1/16-W, 1%, 0603	Std
R8	Std	Resistor, Chip, 100k, 1/16-W, 1%, 0603	Std
R9	Std	Resistor, Chip, 100k, 1/16-W, 1%, 0603	Std
TP1	240-345	Test Point, Red, 1mm	Farnell
TP2	240-345	Test Point, Red, 1mm	Farnell
TP3	240-345	Test Point, Red, 1mm	Farnell
TP4	240-345	Test Point, Red, 1mm	Farnell
TP5	240-333	Test Point, Black, 1mm	Farnell
TP6	240-333	Test Point, Black, 1mm	Farnell
TP7	240-345	Test Point, Red, 1mm	Farnell
U1	UCC3813-0D	IC, Low-Power BiCMOS Current-mode PWM, Von = 7.2V	TI
U2	TLV271DBV	IC, Op-Amp, Rail-to-rail, 600uA per Ch, +/-35ma Out	TI

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