

Filename: PMP5298_REVC_bom.xls

Date: 03/29/2010

PMP5298_REVC BOM

| COUNT | RefDes | Value | Description | Size | Part Number | Mfr |
|-------|---------------|-------------|---|--------------------|--------------------|-------------|
| 1 | C1 | 2.2uF | Capacitor, Aluminum, 200V, 20% | 0.200 inch | UPW2D2R2MED | Nichicon |
| 1 | C10 | 100pF | Capacitor, Ceramic, 50V, C0G, 10% | 0402 | STD | STD |
| 1 | C100 | 4700pF | Capacitor, Ceramic, 50V, C0G, 10% | 0402 | STD | STD |
| 1 | C3 | 22uF | Capacitor, Ceramic, 6.3V, X5R, 15% | 0805 | STD | TDK |
| 2 | C4, C11 | 47uF | Capacitor, Ceramic, 6.3V, X5R, 15% | 1206 | STD | TDK |
| 1 | C5 | 0.022uF | Capacitor, Ceramic, 250V, X7R, 15% | 0805 | STD | TDK |
| 2 | C6, C7 | 1uF | Capacitor, Ceramic, 16V, X5R, 15% | 0402 | STD | STD |
| 2 | C8, C9 | 330pF | Capacitor, Ceramic, 50V, C0G, 10% | 0402 | STD | STD |
| 1 | D1 | BAV99WT1 | Diode, Dual Series, Switching 215 mA, 70V | SC70 | BAV99WT1 | On Semi |
| 1 | D2 | RH02-T | Diode, Bridge, 0.5-A, 200-V | MiniDIP | RH02-T | Diodes |
| 1 | D3 | DFLU1400 | Diode, Super Fast Rectifier, 1A, 400V | PowerDI 123 | DFLU1400 | Diodes |
| 1 | L1 | 470uH | Inductor, SMT, 0.4A, 1.74ohm | 0.300 x 0.300 | DRQ74-471R | Coiltronics |
| 1 | Q1 | TN2404K | MOSFET, N-ch, 240-V, 200-mA, 4-Ohms | SOT23 | TN2404K | Vishay |
| 1 | R1 | 100 | Resistor, Fusible Power, 1W | 0.300 X 0.100 inch | NFR0100001000JR500 | Vishay |
| 1 | R100 | 100k | Resistor, Chip, 1/16W, 1% | 0402 | Std | Std |
| 1 | R2 | 499k | Resistor, Chip, 1/4W, 5% | 1206 | Std | Std |
| 1 | R3 | 0.22 | Resistor, Chip, 1/16W, 5% | 0603 | Std | Std |
| 1 | R4 | 40.2k | Resistor, Chip, 1/16W, 5% | 0402 | Std | Std |
| 1 | R5 | 1k | Resistor, Chip, 1/16W, 1% | 0402 | Std | Std |
| 1 | R6 | 2 | Resistor, Chip, 1/16W, 5% | 0603 | Std | Std |
| 1 | R7 | 100k | Resistor, Chip, 1/16W, 5% | 0402 | Std | Std |
| 1 | R8 | 66.5k | Resistor, Chip, 1/16W, 1% | 0402 | Std | Std |
| 3 | TP1, TP2, TP3 | 5000 | Test Point, Red, Thru Hole Color Keyed | 0.100 x 0.100 inch | 5000 | Keystone |
| 1 | TP4 | 5001 | Test Point, Black, Thru Hole Color Keyed | 0.100 x 0.100 inch | 5001 | Keystone |
| 1 | U1 | UCC3813-5PW | IC, Current-mode PWM | TSSOP8 | UCC3813-5PW | TI |

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