

| Filename: PMP4672REVA_bom.xls | | | | | | | |
|-------------------------------|--------|-----------|--|--------------------|----------------|-----------|------------|
| Date: 10/29/2009 | | | | | | | |
| PMP4672REVA BOM | | | | | | | |
| COUNT | RefDes | Value | Description | Size | Part Number | MFR | AREA |
| 2 | C1 | 10uF | Capacitor, Ceramic, 25V, X5R, 20% | 1206 | STD | STD | 15390 |
| | C2 | 10uF | Capacitor, Ceramic, 25V, X5R, 20% | 1206 | STD | STD | 15390 |
| 1 | C3 | 0.047uF | Capacitor, Ceramic, 10V, X5R, 10% | 0603 | STD | STD | 5650 |
| 1 | C4 | 33nF | Capacitor, Ceramic, 10V, X5R, 10% | 0603 | STD | STD | 5650 |
| 1 | C5 | Open | Capacitor, Ceramic, 10V, X5R, 10% | 0603 | STD | STD | 5650 |
| 1 | C7 | 0.1uF | Capacitor, Ceramic, 25V, X5R, 20% | 0603 | STD | STD | 5650 |
| 4 | C8 | 10uF | Capacitor, Ceramic, 25V, X7R, 10% | 1210 | STD | STD | 83,600 |
| | C9 | 10uF | Capacitor, Ceramic, 25V, X7R, 10% | 1210 | STD | STD | 83,600 |
| | C10 | 10uF | Capacitor, Ceramic, 25V, X7R, 10% | 1210 | STD | STD | 83,600 |
| | C11 | 10uF | Capacitor, Ceramic, 25V, X7R, 10% | 1210 | STD | STD | 83,600 |
| 1 | D1 | MBRA340 | Diode, Schottky, 3A, 40V | SMA | MBRA340 | On Semi | 29520 |
| 5 | J1 | PTC36SAAN | Header, Male 2-pin, 100mil spacing, (36-pin strip) | 0.100 inch x 2 | PTC36SAAN | Sullins | |
| | J2 | PTC36SAAN | Header, Male 2-pin, 100mil spacing, (36-pin strip) | 0.100 inch x 2 | PTC36SAAN | Sullins | |
| | J3 | PTC36SAAN | Header, Male 2-pin, 100mil spacing, (36-pin strip) | 0.100 inch x 2 | PTC36SAAN | Sullins | |
| | J4 | PTC36SAAN | Header, Male 2-pin, 100mil spacing, (36-pin strip) | 0.100 inch x 2 | PTC36SAAN | Sullins | |
| | J5 | PTC36SAAN | Header, Male 2-pin, 100mil spacing, (36-pin strip) | 0.100 inch x 2 | PTC36SAAN | Sullins | |
| 2 | J6 | ED555/2DS | Terminal Block, 2-pin, 6-A, 3.5mm | 0.27 x 0.25 inch | ED555/2DS | OST | 70125 |
| | J7 | ED555/2DS | Terminal Block, 2-pin, 6-A, 3.5mm | 0.27 x 0.25 inch | ED555/2DS | OST | 70125 |
| 1 | JP1 | PTC36SAAN | Header, Male 3-pin, 100mil spacing, (36-pin strip) | 0.100 inch x 3 | PTC36SAAN | Sullins | 0.043 inch |
| 1 | L1 | 15uH | Inductor, SMT, 2.46Asat, 41milliohm | 0.402 x 0.394 inch | MSS1048-153MLC | Coilcraft | 199280 |
| 1 | R1 | 137k | Resistor, Chip, 1/16W, 1% | 0603 | Std | Std | 5,650 |
| 1 | R2 | 10k | Resistor, Chip, 1/16W, 1% | 0603 | Std | Std | 5,650 |
| 1 | R3 | 4.02k | Resistor, Chip, 1/16W, 1% | 0603 | Std | Std | 5,650 |
| 1 | R4 | 256k | Resistor, Chip, 1/16W, 1% | 0603 | Std | Std | 5,650 |
| 1 | R5 | 49.9 | Resistor, Chip, 1/16W, 1% | 0603 | Std | Std | 5,650 |
| 1 | R6 | 0 | Resistor, Chip, 1/16W, 1% | 0603 | Std | Std | 5,650 |
| 1 | SH1 | | Short jumper | | | | |
| 4 | TP1 | 5000 | Test Point, Red, Thru Hole Color Keyed | 0.100 x 0.100 inch | 5000 | Keystone | 10 |
| | TP2 | 5000 | Test Point, Red, Thru Hole Color Keyed | 0.100 x 0.100 inch | 5000 | Keystone | 10 |
| | TP3 | 5000 | Test Point, Red, Thru Hole Color Keyed | 0.100 x 0.100 inch | 5000 | Keystone | 10 |
| | TP4 | 5000 | Test Point, Red, Thru Hole Color Keyed | 0.100 x 0.100 inch | 5000 | Keystone | 10 |

| | | | | | | | |
|--------|---|-------------|--|--------------------|-------------|----------|-------|
| 1 | TP5 | 5001 | Test Point, Black, Thru Hole Color Keyed | 0.100 x 0.100 inch | 5001 | Keystone | 10 |
| 1 | U1 | TPS61175PWP | IC, High Voltage/Current Boost Converter | HTSSOP-14 | TPS61175PWP | TI | 57600 |
| | | | | | | | |
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| 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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