

| Date: 11/13/2014 | | PMP10802 REVB BOM | | | | |
|------------------|---------------|--------------------------|--|--------------------|---------------------|------------|
| -001 | RefDes | Value | Description | Size | Part Number | MFR |
| 0 | C1 | Open | Capacitor, Ceramic, 35V, X7R, 10% | 1210 | STD | STD |
| 1 | C2 | 4.7uF | Capacitor, Ceramic, 16V, X7R, 20% | 0805 | C2012X7R1E475M125AB | TDK |
| 1 | C3 | 0.047uF | Capacitor, Ceramic, 25V, X7R, 10% | 0603 | STD | STD |
| 1 | C4 | 0.018uF | Capacitor, Ceramic, 25V, X7R, 10% | 0603 | STD | STD |
| 1 | C5 | 270pF | Capacitor, Ceramic, 25V, X7R, 10% | 0603 | STD | STD |
| 0 | C6, C10 | Open | Capacitor, Ceramic, 50V, X7R, 10% | 1210 | STD | STD |
| 1 | C7 | 0.1uF | Capacitor, Ceramic, 50V, X7R, 10% | 0603 | STD | STD |
| 2 | C8-9 | 4.7uF | Capacitor, Ceramic, 16V, X7R, 10% | 0805 | C2012X7R1E475M125AB | TDK |
| 1 | D1 | PDS540 | Diode, Schottky, 5A, 40V | Power DI5 | PDS540 | Diodes Inc |
| 5 | J1-5 | PEC02SAAN | Header, Male 2-pin, 100mil spacing | 0.100 inch x 2 | PEC02SAAN | Sullins |
| 2 | J6-7 | ED555/2DS | Terminal Block, 2-pin, 6-A, 3.5mm | 0.27 x 0.25 inch | ED555/2DS | OST |
| 1 | JP1 | PEC03SAAN | Header, Male 3-pin, 100mil spacing | 0.100 inch x 3 | PEC03SAAN | Sullins |
| 1 | L1 | 3.3uH | Inductor, SMT, 3.3A, 81 milliohm | 5.4x5.1mm | SPM5015T-3R3M | TDK |
| 1 | R1 | 80.6K | Resistor, Chip, 1/16W, 1% | 0603 | STD | STD |
| 1 | R2 | 10K | Resistor, Chip, 1/16W, 1% | 0603 | STD | STD |
| 1 | R3 | 1.50K | Resistor, Chip, 1/16W, 1% | 0603 | STD | STD |
| 1 | R4 | 39.2K | Resistor, Chip, 1/16W, 1% | 0603 | STD | STD |
| 1 | R5 | 49.9 | Resistor, Chip, 1/16W, 1% | 0603 | STD | STD |
| 1 | R6 | 0 | Resistor, Chip, 1/16W, 1% | 0603 | STD | STD |
| 1 | SH1 | | Short jumper, 100mil | 0.100 inch | 929950-00 | 3M |
| 1 | TP5 | 5001 | Test Point, Black, Thru Hole Color Keyed | 0.100 x 0.100 inch | | Keystone |
| 4 | TP1-4 | 5000 | Test Point, Red, Thru Hole Color Keyed | 0.100 x 0.100 inch | | Keystone |
| 1 | U1 | TPS5534ORTE | IC, 5-A High Voltage Boost Converter | QFN-16 | TPS5534ORTE | TI |
| 1 | -- | | PCB, 2.6 In x 1.5 In x 0.062 In | | PWR017 | Any |

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