

Filename: PMP7138RevA - BoM.xls

Date: 4/11/2012

## PMP7138RevA - Bill of Material

| COUNT | RefDes             | Value  | Description                                         | Size               | Part Number | Mfr               |
|-------|--------------------|--------|-----------------------------------------------------|--------------------|-------------|-------------------|
| 1     | C1                 | 10nF   | Capacitor, Ceramic, 50V, X7R, 15%                   | 603                | Std         | Std               |
| 1     | C2                 | open   | Capacitor, Ceramic, 50V, X7R, 15%                   | 603                | Std         | Std               |
| 1     | C4                 | 2.2uF  | Capacitor, Ceramic, 100V, X7R, 15%                  | 1210               | Std         | Std               |
| 1     | C5                 | 470nF  | Capacitor, Ceramic, 100V, X7R, 15%                  | 805                | Std         | Std               |
| 1     | C6                 | 3.3nF  | Capacitor, Ceramic, 50V, X7R, 15%                   | 603                | Std         | Std               |
| 1     | C7                 | 1uF    | Capacitor, Ceramic, 16V, X7R, 15%                   | 805                | Std         | Std               |
| 1     | C8                 | 100nF  | Capacitor, Ceramic, 50V, X7R, 15%                   | 603                | Std         | Std               |
| 1     | C9                 | 22uF   | Capacitor, Ceramic, 10V, X7R, 15%                   | 1210               | Std         | Std               |
| 1     | D2                 | BAS40H | Diode, Small Signal, 40V, 120mA                     | SOD-323            | BAS40H      | NXP               |
| 1     | L1                 | 220uH  | Inductor, SMT, 570mOhm, 0.8A sat, 0.75A rms         | 0.394 x 0.394 inch | 744066221   | Wurth Elektronik  |
| 1     | R1                 | 10.0k  | Resistor, Chip, 1/10W, 1%                           | 805                | Std         | Std               |
| 1     | R101               | 49.9   | Resistor, Chip, 1/10W, 1%                           | 805                | Std         | Std               |
| 1     | R2                 | 0      | Resistor, Chip, 1/10W, 1%                           | 805                | Std         | Std               |
| 1     | R3                 | 499k   | Resistor, Chip, 1/10W, 1%                           | 805                | Std         | Std               |
| 1     | R4                 | 100k   | Resistor, Chip, 1/16W, 1%                           | 603                | Std         | Std               |
| 1     | R5                 | 15.0k  | Resistor, Chip, 1/10W, 1%                           | 805                | Std         | Std               |
| 1     | R6                 | 3.24k  | Resistor, Chip, 1/10W, 1%                           | 805                | Std         | Std               |
| 1     | R7                 | 2.21k  | Resistor, Chip, 1/10W, 1%                           | 805                | Std         | Std               |
| 1     | R8                 | 0      | Resistor, Chip, 1/4W, 1%                            | 1206               | Std         | Std               |
| 4     | TP1, TP3, TP4, TP6 | 5000   | Test Point, Red, Thru Hole Color Keyed              | 0.100 x 0.100 inch | 5000        | Keystone          |
| 2     | TP2, TP5           | 5001   | Test Point, Black, Thru Hole Color Keyed            | 0.100 x 0.100 inch | 5001        | Keystone          |
| 1     | U1                 | LM5017 | IC, 100 V, 600 mA Constant On-Time Synchronous Buck | PSOP               | LM5017MR    | Texas Instruments |

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|                               |                                                                                          |
|-------------------------------|------------------------------------------------------------------------------------------|
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