

| Filename: PMP2660REVA_bom.xls |                        |             |                                           |                  |                |             |
|-------------------------------|------------------------|-------------|-------------------------------------------|------------------|----------------|-------------|
| Date: 08/04/2008              |                        |             |                                           |                  |                |             |
|                               | <b>PMP2660REVA BOM</b> |             |                                           |                  |                |             |
|                               |                        |             |                                           |                  |                |             |
| COUNT                         | RefDes                 | Value       | Description                               | Size             | Part Number    | MFR         |
| 1                             | C1                     | 220pF       | Capacitor, Ceramic, 50V, NPO, 5%          | 0603             | std            | std         |
| 1                             | C2                     | 0.22uF      | Capacitor, Ceramic, 16V, X7R, 10%         | 0603             | std            | std         |
| 1                             | C3                     | 47pF        | Capacitor, Ceramic, 50V, NPO, [tol]       | 0603             | std            | std         |
| 1                             | C4                     | 4700pF      | Capacitor, Ceramic, 50V, X7R [tol]        | 0603             | std            | std         |
| 1                             | C5                     | 0.1uF       | Capacitor, Ceramic, 50V, X7R, 10%         | 0603             | std            | std         |
| 1                             | C7                     | 1uF         | Capacitor, Ceramic, 16V, X7R, 20%         | 0603             | std            | std         |
| 5                             | C8                     | 3.3uF       | Capacitor, Ceramic, 3.3uF, 50V, X7R, 20%  | 1210             | C3225X7R1H335M | TDK         |
| 1                             | C9                     | 0.1uF       | Capacitor, Ceramic, 50V, NPO, [tol]       | 0603             | std            | std         |
|                               | C10                    | 3.3uF       | Capacitor, Ceramic, 3.3uF, 50V, X7R, 20%  | 1210             | C3225X7R1H335M | TDK         |
|                               | C11                    | 3.3uF       | Capacitor, Ceramic, 3.3uF, 50V, X7R, 20%  | 1210             | C3225X7R1H335M | TDK         |
|                               | C12                    | 3.3uF       | Capacitor, Ceramic, 3.3uF, 50V, X7R, 20%  | 1210             | C3225X7R1H335M | TDK         |
|                               | C15                    | 3.3uF       | Capacitor, Ceramic, 3.3uF, 50V, X7R, 20%  | 1210             | C3225X7R1H335M | TDK         |
| 1                             | D1                     | MBRS1100T3G | Diode, Rectifier, 1-A, 100-V              | SMB              | MBRS1100T3G    | ON semi     |
| 1                             | D2                     | 43V         | Diode, Zener, 43-V, 225-mW, 5%            | SOT23            | MMBZ5260BLT1   | On Semi     |
| 2                             | J1                     | D120/2DS    | Terminal Block, 2-pin, 15-A, 5.1mm        | 0.40 x 0.35 inch | D120/2DS       | OST         |
|                               | J2                     | D120/2DS    | Terminal Block, 2-pin, 15-A, 5.1mm        | 0.40 x 0.35 inch | D120/2DS       | OST         |
| 1                             | L2                     | 100uH       | Inductor, SMT, 0.5A, 766milliohm per wdg. | 0.300 sq"        | DRQ74-101-R    | Coiltronics |
| 1                             | Q3                     | Si4102DY    | MOSFET, N-ch, 100-V, 3-A, 150-milliOhms   | SO8              | Si4102DY       | Vishay      |
| 1                             | R1                     | 249k        | Resistor, Chip, 1/16W, 1%                 | 0603             | std            | std         |
| 3                             | R2                     | 0           | Resistor, Chip, 1/16W, 1%                 | 0603             | std            | std         |
| 1                             | R3                     | OPEN        | Resistor, Chip, 1/16W, 1%                 | 0603             | std            | std         |
| 1                             | R5                     | 49.9k       | Resistor, Chip, 1/16W, 1%                 | 0603             | std            | std         |
|                               | R6                     | 0           | Resistor, Chip, 1/16W, 1%                 | 0603             | std            | std         |
| 1                             | R7                     | 10          | Resistor, Chip, 1/16W, 1%                 | 0603             | std            | std         |
| 1                             | R9                     | 49.9        | Resistor, Chip, 1/16W, 1%                 | 0603             | std            | std         |

|        |                                                                               |             |                                               |                    |                 |          |
|--------|-------------------------------------------------------------------------------|-------------|-----------------------------------------------|--------------------|-----------------|----------|
| 1      | R10                                                                           | 1k          | Resistor, Chip, 1/16W, 1%                     | 0603               | std             | std      |
| 1      | R11                                                                           | 0.1         | Resistor, Metal Film, 1/4 watt, ± 5%          | 1206               | Std             | Std      |
|        | R13                                                                           | 0           | Resistor, Chip, 1/16W, 1%                     | 0603               | std             | std      |
| 1      | R14                                                                           | 2.37        | Resistor, Chip, 1/10W, 1%                     | 0805               | CRCW0805-xxxx-F | Vishay   |
| 1      | R100                                                                          | 10K         | Resistor, Chip, 1/16W, 1%                     | 0603               | std             | std      |
| 3      | TP1                                                                           | 5011        | Test Point, Black, Thru Hole                  | 0.125 x 0.125 inch | 5011            | Keystone |
| 2      | TP2                                                                           | 5010        | Test Point, Red, Thru Hole                    | 0.125 x 0.125 inch | 5010            | Keystone |
| 2      | TP4                                                                           | 5002        | Test Point, White, Thru Hole Color Keyed      | 0.100 x 0.100 inch | 5002            | Keystone |
|        | TP5                                                                           | 5002        | Test Point, White, Thru Hole Color Keyed      | 0.100 x 0.100 inch | 5002            | Keystone |
| 1      | TP7                                                                           | 5000        | Test Point, Red, Thru Hole Color Keyed        | 0.100 x 0.100 inch | 5000            | Keystone |
|        | TP8                                                                           | 5011        | Test Point, Black, Thru Hole                  | 0.125 x 0.125 inch | 5011            | Keystone |
|        | TP10                                                                          | 5010        | Test Point, Red, Thru Hole                    | 0.125 x 0.125 inch | 5010            | Keystone |
|        | TP11                                                                          | 5011        | Test Point, Black, Thru Hole                  | 0.125 x 0.125 inch | 5011            | Keystone |
| 1      | U1                                                                            | TPS40211DGS | IC, Low Cost Non-Synchronous Boost Controller | DGS10              | TPS40210DGS     | TI       |
|        |                                                                               |             |                                               |                    |                 |          |
|        |                                                                               |             |                                               |                    |                 |          |
| 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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