

### PMP8781\_REVA BOM

| COUNT | RefDes   | Value       | Description   | Size               | Part Number        | MFR                 |
|-------|----------|-------------|---|--------------------|--------------------|---------------------|
| 1     | C1       | 10uF        | CAP ALUM 10UF 400V 20% RADIAL   | 0.315 inch         | EEU-ED2G100        | Panasonic           |
| 1     | C10      | 10uF        | Capacitor, Ceramic, 25V, X7R, 15%                                       | 1210               | Std                | STD                 |
| 1     | C2       | 22uF        | Capacitor, multi pattern, SM 1210 to E case + F THole                   | 0.492 inch         | UCS2G220MHD        | Nichicon            |
| 2     | C3, C4   | 390uF       | CAP ALUM 390UF 25V 20% RADIAL   | 0.315 inch         | EEU-FR1E391LB      | Panasonic           |
| 1     | C7       | 470pF       | CAP CER 470PF 250VAC X1Y2 Safety 2211                                   | 2220               | GA352QR7GF471KW01L | Murata              |
| 1     | C8       | 0.33uF      | Capacitor, Ceramic, 50V, X7R, 15%                                       | 0603               | STD                | STD                 |
| 1     | D1       | SMAJ120A    | Diode, Transient Voltage Suppressor, 120V                               | SMA                | SMAJ120A           | Bourns              |
| 1     | D2       | RH06-T      | Diode, Bridge, 0.5-A, 600-V   | MiniDIP            | RH06-T             | Diodes              |
| 1     | D3       | MRA4007     | Diode, Rectifier, 1A, 1000V, SMA  | SMA                | STD                | STD                 |
| 1     | D4       | 1N4148      | Diode, Signal, 300-mA, 75-V, 350-mW                                     | SOD-123            | 1N4148W-7-F        | Diodes              |
| 1     | D5       | SK4200L     | IC DIODE SCHOTTKY 4A 200V SMC   | SMC                | SK4200L            | Micro Commercial Co |
| 1     | F1       | 1A          | FUSE SLOW 250VAC 1A RADIAL  | 4x8.35 mm          | RST 1              | BEL Fuse            |
| 1     | L1       | 100uH       | Inductor, 240mA   | 0.126 x 0.098 inch | ME3220-104MX       | Coilcraft           |
| 1     | Q1       | IPD60R2K0C6 | MOSFET N-CH 600V 2.4A   |                    | IPD60R2K0C6        | Infineon            |
| 1     | R1       | 49.9        | Resistor, 1/4 watt, 5%  | 1206               | STD                | STD                 |
| 2     | R2, R10  | 10MEG       | Resistor, 1/4 watt, 5%  | 1206               | STD                | STD                 |
| 1     | R3       | 0           | Resistor, Chip, 1/16W, 1%   | 0402               | Std                | Std                 |
| 1     | R4       | 100k        | Resistor, Chip, 1/16W, 1%   | 0402               | Std                | Std                 |
| 1     | R5       | 32.4k       | Resistor, Chip, 1/16W, 1%   | 0402               | Std                | Std                 |
| 1     | R6       | 1.30k       | Resistor, Chip, 1/16W, 1%   | 0402               | Std                | Std                 |
| 1     | R7       | 0.75        | Resistor, Chip, 1/16W, 5%   | 0805               | Std                | Std                 |
| 1     | R8       | DNP         | Do Not Populate   | 0402               | N/A                | N/A                 |
| 1     | R9       | 10k         | Resistor, Chip, 1/16W, 1%   | 0402               | Std                | Std                 |
| 1     | T2       | 420 uH      | Transformer, ±10%   | 16X17 mm           | RLTI-1082          | Renco               |
| 2     | TP1, TP2 | 5000        | Test Point, Red, Thru Hole Color Keyed                                  | 0.100 x 0.100 inch | 5000               | Keystone            |
| 1     | TP3      | 5010        | Test Point, Red, Thru Hole  | 0.125 x 0.125 inch | 5010               | Keystone            |
| 1     | TP4      | 5011        | Test Point, Black, Thru Hole  | 0.125 x 0.125 inch | 5011               | Keystone            |
| 1     | U1       | UCC28700DBV | IC, Constant Voltage, Constant Current PWM With Primary Side Regulation |                    | UCC28700DBV        |                     |

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