

PMP30313 REV B Bill of Materials

| Designator | Quantity | Value | PartNumber | Manufacturer | Description | PackageReference |
|------------|----------|------------|---------------------|-----------------------------|--|---------------------------|
| C1 | 1 | 10uF | EKXG401ELL100MJ20S | United Chemi-Con | CAP, AL, 10 μ F, 400 V, +/- 20%, TH | D10xL20mm |
| C2 | 1 | 120uF | EKZN250ELL681MJ16S | United Chemi-Con | CAP, AL, 680 μ F, 25 V, +/- 20%, 0.038 ohm, TH | D10xL17.5mm |
| C3 | 1 | 0.22uF | C1608X5R1H224K080AB | TDK | CAP, CERM, 0.22 μ F, 50 V, +/- 10%, X5R, 0603 | 0603 |
| C4 | 1 | 1uF | C1608X5R1E105K080AC | TDK | CAP, CERM, 1 μ F, 25 V, +/- 10%, X5R, 0603 | 0603 |
| C5 | 1 | 3300pF | DE1E3KX332MN4AP01F | MuRata | CAP, CERM, 3300 pF, 300VAC, Y1 | D10xT7mm |
| C6 | 1 | DNP | DNP | DNP | Do Not Populate (DNP) | B32922_10.5mm |
| D1 | 1 | 150V | SMAJ150A | Littelfuse | Diode, TVS, Uni, 150 V, SMA | SMA |
| D2 | 1 | MURA160T3G | MURA160T3G | ON Semiconductor | Diode, Ultrafast, 600 V, 1 A, AEC-Q101, SMA | SMA |
| D3 | 1 | MB6S | MB6S | Micro Commercial Components | Diode, Switching-Bridge, 600 V, 0.5 A, TO269AA | TO269AA |
| D4 | 1 | SK215ATR | SK215ATR | SMC Diode Solutions | Diode, Schottky, 150 V, 2 A, SMA | SMA |
| D5 | 1 | BAV20WS-TP | BAV20WS-TP | Micro Commercial Components | Diode, P-N, 150 V, 0.2 A, SOD-323 | SOD-323 |
| D100 | 1 | 15V | 1SMA5929BT3G | ON Semiconductor | Diode, Zener, 15 V, 500 mW, SMA | SMA |
| L1, L2 | 2 | 1mH | 7447462102 | Würth Elektronik | Inductor, Unshielded Drum Core, Ferrite, 1 mH, 0.25 A, 4.38 ohm, TH | D6 x 8.5mm |
| R1 | 1 | 47 | CRCW120647R0JNEA | Vishay-Dale | RES, 47, 5%, 0.25 W, 1206 | 1206 |
| R2 | 1 | DNP | DNP | Vishay-Dale | Do Not Populate (DNP) | 0805 |
| R3 | 1 | 0 Ohm | 0 Ohm | Yageo America | RES, 0 Ohm, 0.1 W, 0603 | 0603 |
| R4 | 1 | 4.99k | RC0603FR-074K99L | Yageo America | RES, 4.99 k, 1%, 0.1 W, 0603 | 0603 |
| R5 | 1 | 499 | RC0603FR-07499RL | Yageo America | RES, 499, 1%, 0.1 W, 0603 | 0603 |
| T1 | 1 | 5mH | PT91072L | Bourns | Transformer, 5000 uH, TH | 17.5 x 17.5 mm |
| TP1 | 1 | | 5000 | Keystone | Test Point, Miniature, Red, TH | Red Miniature Testpoint |
| TP2, TP4 | 2 | | 5002 | Keystone | Test Point, Miniature, White, TH | White Miniature Testpoint |
| TP3 | 1 | | 5001 | Keystone | Test Point, Miniature, Black, TH | Black Miniature Testpoint |
| U1 | 1 | UCC28880DR | UCC28880DR | Texas Instruments | High Voltage Switcher for Non-isolated AC/DC Conversion, D0007A (SOIC-7) | D0007A |

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