

PMP21771 REV E1 Bill of Materials

| Designator | Quantity | Value | PartNumber | Manufacturer | Description | PackageReference |
|-------------------------|----------|-------|----------------------|---------------------------|---|-------------------------------|
| IPCB | 1 | | XXX### | Any | Printed Circuit Board | |
| C1, C9, C12 | 3 | 0.1uF | C0402C104K4RACAUTO | Kemet | CAP, CERM, 0.1 uF, 16 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0402 | 0402 |
| C2, C4, C6 | 3 | 47uF | GCM32ER70J476KE19L | MuRata | CAP, CERM, 47 uF, 6.3 V, +/- 10%, X7R, AEC-Q200 Grade 1, 1210 | 1210 |
| C3, C11 | 2 | 10uF | JMJ212CB7106KGHT | Taiyo Yuden | CAP, CERM, 10 uF, 6.3 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0805 | 0805 |
| C5, C10 | 2 | 4.7uF | CGA6P3X7R1H475K250AB | TDK | CAP, CERM, 4.7 uF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 1210 | 1210 |
| C7, C8 | 2 | 0.1uF | CGA2B3X7R1H104K050BB | TDK | CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0402 | 0402 |
| C17 | 1 | 33pF | C0402C330J5GACAUTO | Kemet | CAP, CERM, 33 pF, 50 V, +/- 5%, COG, AEC-Q200 Grade 1, 0402 | 0402 |
| C20 | 1 | 1uF | GCM188R71C105KA64D | MuRata | CAP, CERM, 1 uF, 16 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603 | 0603 |
| H1, H2, H3, H4 | 4 | | NY PMS 440 0025 PH | B&F Fastener Supply | Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead | Screw |
| H5, H6, H7, H8 | 4 | | 1902C | Keystone | Standoff, Hex, 0.5"L #4-40 Nylon | Standoff |
| H9, H10, H11, H12 | 4 | | SJ-5303 (CLEAR) | 3M | Bumpon, Hemisphere, 0.44 X 0.20, Clear | Transparent Bumpon |
| J1, J2, J3, J4, J5 | 5 | | 3267 | Pomona Electronics | Standard Banana Jack, Uninsulated | Pomona_3267 |
| L1 | 1 | 4.7uH | XAL6060-472MEB | Coilcraft | Inductor, Shielded, Composite, 4.7 uH, 10.5 A, 0.015 ohm, SMD | IND_6.4x6.1x6.6 |
| LBL1 | 1 | | THT-14-423-10 | Brady | Thermal Transfer Printable Labels, 0.650" W x 0.200" H - 10,000 per roll | PCB Label 0.650 x 0.200 inch |
| R1, R8 | 2 | 100k | ERJ-2RKF1003X | Panasonic | RES, 100 k, 1%, 0.1 W, 0402 | 0402 |
| R2 | 1 | 44.2k | CRCW040244K2FKED | Vishay-Dale | RES, 44.2 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402 | 0402 |
| R3, R10 | 2 | 30.1k | CRCW040230K1FKED | Vishay-Dale | RES, 30.1 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402 | 0402 |
| R4 | 1 | 1.00k | CRCW06031K00FKEA | Vishay-Dale | RES, 1.00 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603 | 0603 |
| R5 | 1 | 39.2k | CRCW040239K2FKED | Vishay-Dale | RES, 39.2 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402 | 0402 |
| R6 | 1 | 100k | RMCF0402FT100K | Stackpole Electronics Inc | RES, 100 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402 | 0402 |
| R7 | 1 | 40.2 | CRCW040240R2FKED | Vishay-Dale | RES, 40.2, 1%, 0.063 W, AEC-Q200 Grade 0, 0402 | 0402 |
| R9 | 1 | 24.9k | CRCW040224K9FKED | Vishay-Dale | RES, 24.9 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402 | 0402 |
| TP1, TP2, TP4, TP5, TP6 | 5 | | 5129 | Keystone | Test Point, Multipurpose, Purple, TH | Purple Multipurpose Testpoint |
| TP3, TP7, TP8, TP9 | 4 | | 5011 | Keystone | Test Point, Multipurpose, Black, TH | Black Multipurpose Testpoint |
| U1 | 1 | | LM61460AANQRJRTQ1 | Texas Instruments | Automotive 6-A Low Noise Synchronous Buck Regulators, RJR0014A (VQFN-HR-14) | RJR0014A |
| U2, U3 | 2 | | TPS2557QDRBRQ1 | Texas Instruments | PRECISION ADJUSTABLE CURRENT-LIMITED POWER-DISTRIBUTION SWITCHES, DRB0008B (VSON-8) | DRB0008B |
| FID1, FID2, FID3 | 0 | | N/A | N/A | Fiducial mark. There is nothing to buy or mount. | N/A |

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