

Filename: PMP9751_BOM.xls
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PMP9751 Bill Of Material

| Designator | Quantity | Value | Description | PackageReference | PartNumber | Manufacturer |
|--|----------|-------|--|------------------|--------------------|-----------------------|
| C100 | 1 | 150uF | CAP, TANT, 150uF, 6.3V, +/-10%, 0.07 ohm, 7343-20 SMD | 7343-20 | T495V157K006ATE070 | Kemet |
| C105 | 1 | 1.5uF | CAP, CERM, 1.5uF, 6.3V, +/-20%, X5R, 0402 | 0402 | GRM155R60J155ME80D | MuRata |
| C201, C205, C209 | 3 | 1.5uF | CAP, CERM, 1.5uF, 6.3V, +/-20%, X5R, 0402 | 0402 | GRM155R60J155ME80D | MuRata |
| C107, C108, C109 | 3 | 10uF | CAP, CERM, 10F, 6.3V, +/-20%, X5R 0603 | 0603 | GRM188R60J106ME84 | MuRata |
| C203, C207, C10 | 3 | 3.3nF | CAP, CERM, 3.3nF, +/-10%, SMD | 0201 | 500R07W332KV4T | Johanson Dielectrics |
| C204, C208, C212 | 3 | 15pF | CAP, CERM, 15pF, +/-5%, SMD | 0201 | 500R07N150JV4T | Johanson Dielectrics |
| FB204 | 1 | | 2A Ferrite Bead, 50mOhm DCR | 0603 | BLM18PG121SN1 | MuRata |
| J101 | 1 | | Header, TH, 100mil, 20x1, Gold plated, 230 mil above insulator | TSW-120-07-G-S | TSW-120-07-G-S | Samtec, Inc. |
| J102, J103, J104 | 3 | | Header, TH, 100mil, 3x1, Gold plated, 230 mil above insulator | TSW-103-07-G-S | TSW-103-07-G-S | Samtec, Inc. |
| J106 | 1 | | Connector, SMA Jack, Vertical, Gold, SMD | SMA | 142-0711-201 | Emerson Network Power |
| J201, J202, J203, J204, J205, J206, J207, J208, J209, J210, J211, J212, J213, J214, J215 | 15 | | Connector, SMT, End launch SMA 50 ohm | SMA End Launch | 142-0701-851 | Emerson Network Power |
| L1 | 1 | 470nH | Inductor, Chip, 0.47uH, 4.7A, 29 mOhm, SMD | 2520 | DFE252012C | TOKO |
| R12, R13, R14 | 3 | 2.2k | RES, 2.2k ohm, 5%, 0.1W, 0603 | 0603 | RC0603JR-072K2L | Yageo America |
| R15 | 1 | 49.9 | RES, 49.9 ohm, 0.1%, 0.1W, 0603 | 0603 | RT0603BRD0749R9L | Yageo America |
| U21 | 1 | | SKY77629 Multiband Multimode Power Amplifier Module for Quad-Band GSM/ EDGE, Hexa-Band (I, II, III, IV, V, VIII) WCDMA/ HSDPA/ HSUPA/ HSPA+/ LTE | MCM, 5x1x7mm | SKY77629 | Skyworks Solutions |
| U101 | 1 | | Low-, Wide- Voltage Battery Front-End DC/DC Converter Single-Cell Li-Ion, Ni-Rich, Si-Anode Applications, YFF0016AEAE | YFF0016AEAE | TPS61280YFF | Texas Instruments |

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