# PMP21519 REV B Bill of Materials

<table>
<thead>
<tr>
<th>Designator</th>
<th>Quantity</th>
<th>Value</th>
<th>PartNumber</th>
<th>Manufacturer</th>
<th>Description</th>
<th>PackageReference</th>
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<td>C1</td>
<td>1</td>
<td>68uF</td>
<td>EEU-ED2C680</td>
<td>Panasonic</td>
<td>CAP, AL, 68 uF, 160 V, +/- 20%, TH</td>
<td>D12.5xL20mm</td>
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<tr>
<td>C2, C3, C4</td>
<td>3</td>
<td>2.2uF</td>
<td>GRM32ER72A225KA35L</td>
<td>MuRata</td>
<td>CAP, CERM, 2.2 uF, 100 V, +/- 10%, X7R, 1210</td>
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<tr>
<td>C5, C11</td>
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<td>Panasonic</td>
<td>CAP, CERM, open, 2010</td>
<td>1210</td>
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<td>C6, C7, C8</td>
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<td>22uF</td>
<td>GRM32ER71C226ME18L</td>
<td>MuRata</td>
<td>CAP, CERM, 22 uF, +/- 20%, X7R, 1210</td>
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<td>C9, C10</td>
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<td>C12, C17</td>
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<td>270pF</td>
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<td>C15, C16</td>
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<td>C1608X7R1E105K080AB</td>
<td>TDK</td>
<td>CAP, CERM, 1 uF, 25 V, +/- 10%, TH, 0603</td>
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<td>Diode, Switching, 200 V, 0.2 A, AEC-Q101, SOD-332</td>
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<td>Vishay-Semiconductor</td>
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<td>ED120/2DS</td>
<td>On-Shore Technology</td>
<td>Terminal Block, 5.08 mm, 2x1, Brass, TH</td>
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<td>47uH</td>
<td>DRQ127-470-R</td>
<td>Coiltronics</td>
<td>Coupled inductor, 47 uH, 5.28 A, 0.144 ohm, SMD</td>
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<td>Diodes Inc.</td>
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<td>Q2, Q3</td>
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<td>40 V</td>
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<td>Transistor, NPN, 40 V, 0.6 A, SOT-23</td>
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<td>R3, R4</td>
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<td>CRCW060310R0FKEA</td>
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<td>R7, R8</td>
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<td>309k</td>
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<td>TP1, TP3, TP4, TP6, TP7</td>
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<td>Keystone</td>
<td>Test Point, Multipurpose, Red, TH</td>
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<td>TP2, TP5, TP8</td>
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<td>U1</td>
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<td>TPS40210DGQR</td>
<td>Texas Instruments</td>
<td>Wide Input Range Current Mode Boost Controller, DGQ0010D (VSSOP-10)</td>
<td>DGQ0010D</td>
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</table>
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