### PMP5619REVA - 1V5 AT 3A0 BOM

<table>
<thead>
<tr>
<th>COUNT</th>
<th>RefDes</th>
<th>Value</th>
<th>Description</th>
<th>Size</th>
<th>Part Number</th>
<th>Mfr</th>
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<tbody>
<tr>
<td>1</td>
<td>C1</td>
<td>10uF</td>
<td>Capacitor, Ceramic, 25V, X5R, 20%</td>
<td>1210</td>
<td>C3225X5R1E10M</td>
<td>TDK</td>
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<tr>
<td>1</td>
<td>C2</td>
<td>open</td>
<td>Capacitor, Ceramic, 50V, C0G, 5%</td>
<td>0603</td>
<td>Std</td>
<td>Std</td>
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<tr>
<td>1</td>
<td>C5</td>
<td>3.3nF</td>
<td>Capacitor, Ceramic, 25V, X7R, 10%</td>
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<td>Std</td>
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<tr>
<td>1</td>
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<tr>
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<td>22uF</td>
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<td>1206</td>
<td>C3216X5R0J226M</td>
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<tr>
<td>2</td>
<td>J1</td>
<td>ED555/2DS</td>
<td>Terminal Block, 2-pin, 6-A, 3.5mm</td>
<td>0.27 x 0.25 inch</td>
<td>ED555/2DS</td>
<td>OST</td>
</tr>
<tr>
<td>2</td>
<td>J2</td>
<td>ED555/2DS</td>
<td>Terminal Block, 2-pin, 6-A, 3.5mm</td>
<td>0.27 x 0.25 inch</td>
<td>ED555/2DS</td>
<td>OST</td>
</tr>
<tr>
<td>1</td>
<td>JP1</td>
<td>PEC03SAAN</td>
<td>Header, Male 3-pin, 100mil spacing</td>
<td>0.100 inch x 3</td>
<td>PEC03SAAN</td>
<td>Sullins</td>
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<tr>
<td>1</td>
<td>L1</td>
<td>2.2uH</td>
<td>Inductor, SMT, 20mOhm, 4.2A rms, 6.0A sat</td>
<td>0.402 x 0.394 inch</td>
<td>7447779002</td>
<td>Wuerth Elektronik</td>
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<tr>
<td>1</td>
<td>R1</td>
<td>21.0k</td>
<td>Resistor, Chip, 1/16W, 1%</td>
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<td>Std</td>
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<tr>
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<td>R4</td>
<td>100k</td>
<td>Resistor, Chip, 1/16W, 1%</td>
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<tr>
<td>1</td>
<td>SH1</td>
<td>Short jumper</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>3</td>
<td>TP1</td>
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<td>Test Point, Red, Thru Hole Color Keyed</td>
<td>0.100 x 0.100 inch</td>
<td>5000</td>
<td>Keystone</td>
</tr>
<tr>
<td>3</td>
<td>TP2</td>
<td>5001</td>
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<td>Keystone</td>
</tr>
<tr>
<td>3</td>
<td>TP3</td>
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<td>Test Point, Red, Thru Hole Color Keyed</td>
<td>0.100 x 0.100 inch</td>
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</tr>
<tr>
<td>3</td>
<td>TP4</td>
<td>5001</td>
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<td>0.100 x 0.100 inch</td>
<td>5001</td>
<td>Keystone</td>
</tr>
<tr>
<td>3</td>
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<td>Test Point, Red, Thru Hole Color Keyed</td>
<td>0.100 x 0.100 inch</td>
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<td>Keystone</td>
</tr>
<tr>
<td>3</td>
<td>TP6</td>
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<td>Test Point, Red, Thru Hole Color Keyed</td>
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<td>5000</td>
<td>Keystone</td>
</tr>
<tr>
<td>3</td>
<td>TP7</td>
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<tr>
<td>3</td>
<td>TP8</td>
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<td>0.100 x 0.100 inch</td>
<td>5001</td>
<td>Keystone</td>
</tr>
<tr>
<td>1</td>
<td>U1</td>
<td>TPSS4425PWP</td>
<td>IC, 4-A Output Single Sync. Step-Down Switcher with Integrated FET</td>
<td>HTSSOP-14</td>
<td>TPS54425PWP</td>
<td>Texas Instruments</td>
</tr>
</tbody>
</table>

Notes:
1. These assemblies are ESD sensitive, ESD precautions shall be observed.
2. These assemblies must be clean and free from flux and all contaminants.
   Use of no clean flux is not acceptable.
3. These assemblies must comply with workmanship standards IPC-A-610 Class 2.
4. Ref designators marked with an asterisk (***) cannot be substituted.
   All other components can be substituted with equivalent MFG's components.
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<tr>
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<tr>
<td>Wireless Connectivity</td>
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