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<th>Item #</th>
<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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<tr>
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<td>PCB</td>
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<td></td>
<td>ISE4039</td>
<td>Printed Circuit Board</td>
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<td>2</td>
<td>BT</td>
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<td>B567</td>
<td>Memory Protection Devices</td>
<td>Battery Holder, G50x50, Nickel-clad, TH</td>
<td>B2030 holder</td>
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<td>N1, N2, N3</td>
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<td>Cap, CERM, 8.2 pF, 0.1%, ±5%, X9R, 0402</td>
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<td>Cap, CERM, 8.2 pF, 0.1%, ±5%, X9R, 0402</td>
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<td>C0402</td>
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</table>

**Components**

- **Omron Electronic**
  - **HDC1000** Low power integrated humidity and temperature Sensor, Sb/Br)
  - **Channel, -40 to +125 degC, 2-pin X2SON (DPY), Green (RoHS & no ESD in 0402 Package with 10 pF Capacitance and 6 V Breakdown, 1 5V, 10A)**
  - **ESR0020A**
  - **SWITCH TACTILE SPST-NO 0.05A 12V 3x1.6x2.5mm**

- **MURATA**
  - **CAP, CERM, 1 µF, 16 V, ±10%, X7R, 0402**
  - **CAP, CERM, 0.68 µF, 16 V, ±10%, X5R, 0402**
  - **CAP, CERM, 1.0 µF, 16 V, ±10%, X7R, 0402**
  - **CAP, CERM, 0.1 µF, 10 V, ±10%, X5R, 0402**

- **Ferrite Inductors**
  - **L1 22µH, 0.25 ohm, SMD**
  - **L4 7.5µH, 0.13 ohm, SMD**
  - **L5 18nH, 0.37 A, 0.27 ohm, SMD**
  - **L6 6.8nH, 0.09 ohm, SMD**
  - **L7 6.8nH, 0.36 ohm, SMD**
  - **L8 7.5nH, 0.57 A, 0.13 ohm, SMD**
  - **L9 11nH, 0.5 A, 0.14 ohm, SMD**

- **槊福**
  - **CAP, CERM, 0.6pF, ±0.1pF, 0402 0402**
  - **CAP, CERM, 2200pF, 50 V, ±10%, X7R, 0402**
  - **CAP, CERM, 2200pF, 10 V, ±10%, X5R, 0402**
  - **CAP, CERM, 2200pF, 10 V, ±10%, X7R, 0402**

- **Capacitors**
  - **GRM155R71C104KA88D**
  - **GRM1555C1H101JA01D**
  - **GRM1555C1E120JA01D**

- **Capacitors and Inductors**
  - **GRM1555C1E120JA01D**
  - **GRM1555C1H101JA01D**
  - **GRM1555C1E120JA01D**
  - **GRM1555C1H101JA01D**
  - **GRM1555C1E120JA01D**

- **SMT Components**
  - **J3, SH-J4, SH-J5**
  - **S1, S2**

- **Testpoints**
  - **TP4, TP5, TP6, TP7, TP8, TP9**

- **Connectors**
  - **J6**
  - **J5**
  - **FID1, FID2, FID3**

- **Printing**
  - **C088004R0A017000C08**

**References**

- **Manufacturer**
  - **Texas Instruments**
  - **Murata**
  - **Alter微量**

**Additional Information**

- **Notes:**
  - *Some BOM used in PnP output*
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