### Materials Declaration

#### Molding Compound

<table>
<thead>
<tr>
<th>Description</th>
<th>Substance</th>
<th>CAS#</th>
<th>Weight (g)</th>
<th>Homogeneous Material Level</th>
<th>Component Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other inorganic materials</td>
<td>Silicon</td>
<td>14243-62-0</td>
<td>9.53E-03</td>
<td>86.21</td>
<td>869100</td>
</tr>
<tr>
<td>Thermosets</td>
<td>Epoxy &amp; Phenol</td>
<td>Proprietary</td>
<td>1.42E-03</td>
<td>12.78</td>
<td>127800</td>
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<tr>
<td>Other inorganic materials</td>
<td>Carbon black</td>
<td>1333-86-4</td>
<td>3.44E-05</td>
<td>0.31</td>
<td>3100</td>
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<tr>
<td>Subtotal</td>
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<td></td>
<td>1.11E-02</td>
<td></td>
<td>100.00</td>
</tr>
</tbody>
</table>

#### Leadframe

<table>
<thead>
<tr>
<th>Description</th>
<th>Substance</th>
<th>CAS#</th>
<th>Weight (g)</th>
<th>Homogeneous Material Level</th>
<th>Component Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper &amp; its alloys</td>
<td>Copper</td>
<td>7440-50-8</td>
<td>2.00E-02</td>
<td>97.5</td>
<td>975000</td>
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<tr>
<td>Copper &amp; its alloys</td>
<td>Iron</td>
<td>7439-88-6</td>
<td>4.83E-04</td>
<td>2.35</td>
<td>23500</td>
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<td>Copper &amp; its alloys</td>
<td>Zinc</td>
<td>7440-65-6</td>
<td>2.47E-05</td>
<td>0.12</td>
<td>1200</td>
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<tr>
<td>Copper &amp; its alloys</td>
<td>Phosphorus</td>
<td>7755-14-0</td>
<td>1.17E-06</td>
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<td>300</td>
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#### Internal Leadframe Plating

<table>
<thead>
<tr>
<th>Description</th>
<th>Substance</th>
<th>CAS#</th>
<th>Weight (g)</th>
<th>Homogeneous Material Level</th>
<th>Component Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precious metals</td>
<td>Silver</td>
<td>7440-22-4</td>
<td>4.61E-04</td>
<td>100.0</td>
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#### Bond wires

<table>
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<tr>
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<th>Substance</th>
<th>CAS#</th>
<th>Weight (g)</th>
<th>Homogeneous Material Level</th>
<th>Component Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precious metals</td>
<td>Gold</td>
<td>7440-37-5</td>
<td>3.52E-06</td>
<td>1.0</td>
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<td>Precious metals</td>
<td>Palladium</td>
<td>7440-05-3</td>
<td>3.52E-04</td>
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<tr>
<td>Subtotal</td>
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<td>3.52E-04</td>
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<td>100.00</td>
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#### Chip

<table>
<thead>
<tr>
<th>Description</th>
<th>Substance</th>
<th>CAS#</th>
<th>Weight (g)</th>
<th>Homogeneous Material Level</th>
<th>Component Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other inorganic materials</td>
<td>Doped silicon</td>
<td>7440-24-3</td>
<td>3.02E-07</td>
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#### Die Attach

<table>
<thead>
<tr>
<th>Description</th>
<th>Substance</th>
<th>CAS#</th>
<th>Weight (g)</th>
<th>Homogeneous Material Level</th>
<th>Component Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precious metals</td>
<td>Silver</td>
<td>7440-22-4</td>
<td>6.87E-04</td>
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<td>Epoxy resin</td>
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<td>Other organic materials</td>
<td>Epoxy resin, epoxychloride-diimide poly</td>
<td>68475-44-6</td>
<td>2.27E-05</td>
<td>3.11</td>
<td>31100</td>
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<tr>
<td>Other organic materials</td>
<td>Butylactone, gamma-</td>
<td>96-48-0</td>
<td>2.27E-05</td>
<td>3.11</td>
<td>31100</td>
</tr>
<tr>
<td>Other organic materials</td>
<td>Polyoxynonylene &amp; dimine</td>
<td>9046-10-0</td>
<td>2.27E-05</td>
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<td>31100</td>
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<tr>
<td>Other organic materials</td>
<td>Poly(oxynonylene) &amp; dimine</td>
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<td>2.27E-05</td>
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<tr>
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<td>Organosilicon</td>
<td>TS ref # 10011</td>
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<td>Other inorganic materials</td>
<td>Copper(II) oxide</td>
<td>1517-38-0</td>
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#### Package Totals

<table>
<thead>
<tr>
<th>Weight (g)</th>
<th>Percentage (%)</th>
<th>PPM</th>
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<tbody>
<tr>
<td>3.69E-02</td>
<td>100</td>
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</tr>
</tbody>
</table>

Note: The information provided in this declaration are true to the best of ADI’s knowledge. 
ADI derived most of the information listed in this declaration from documents provided by third parties, and assumes no liability to any inaccuracy of such information.

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