| ABSOCIATION CONNECTING<br>ELECTRONICS INDUSTRIES® INFORMATION AND ADDRESS INDUSTRIES® | kburn, Illinois. A   | ll rights reserved un<br>tions. | nder both leve       | s documer<br>l parts, th   | nt is a declarat | ion of the su | ibstances<br>s all lowe           | within the manufactur<br>r level materials for w | rer listed i<br>hich the r | tem. Note: i<br>nanufacturer        | f the item is an as<br>r has engineering | ssembly with lower responsibility. |
|---|--|---------------------------------|----------------------|--|------------------|---------------|-----------------------------------|--|----------------------------|-------------------------------------|--|------------------------------------|
| 1752-21.1 IPC Web Site for Information of<br>http://www.ipc.org/IPC-175x              | IPC Web Site for Information on IPC-1752 Standard Form<br>http://www.ipc.org/IPC-175x Distri |                                 |                      | e * Declaration Class *<br>Class 6 - RoHS Yes/No, Homogeneous Materi |                  |               |                                   | als and Mfg Information                          |                            |                                     |  |                                    |
| Supplier Information  |  |                                 |                      |  |                  |               |                                   |  |                            |                                     |  |                                    |
| Company name* Company unique ID   |  |                                 |                      | Unique ID Authority  |                  |               |                                   | Response Date*                                   |                            |                                     |  |                                    |
| ısemi   |  |                                 |                      |  |                  |               |                                   |  | 2023-06-08                 |                                     |  |                                    |
| Contact Name  | t Name Title - Contact   |                                 |                      | P  | Phone - Contact* |               |                                   |  | Email - Contact*           |                                     |  |                                    |
| Product-Env-Stewards  | act-Env-Stewards Product Enviro Compliance   |                                 |                      | NA   |                  |               |                                   | Product-Env-Stewards@onsemi.com                  |                            |                                     |  |                                    |
| uthorized Representative* Title - Representative                                      |  |                                 |                      | Phone - Representative*  |                  |               |                                   | Email - Representative*                          |                            |                                     |  |                                    |
| Product-Env-Stewards Product Enviro Compliance  |  |                                 |                      | NA   |                  |               |                                   | Product-Env-Stewards@onsemi.com                  |                            |                                     |  |                                    |
| Requester Item Number Mfr Ite   | m Number   | Mfr Item Name                   |                      |  | Effective Date   | Version       | 1                                 | Manufacturing Site                               |                            | Weight*                             | UOM                                      | Unit Type                          |
| NCP1:   | P1399BADR2G High Performance<br>LLC resonant Cor   |                                 | e Resonant Controlle | er for   | 2023-06-08       |               | PH1                               |  |                            | 179.58                              | mg                                       | Each                               |
| Manufacturing Proccess Information  |  |                                 |                      |  |                  |               |                                   |  |                            |                                     |  |                                    |
| Terminal Plating / Grid Array Material  | Array Material Terminal Base Alloy   |                                 | -STD-020 MSL Rat     | ting   | Peak Process Boo |               | Body Temperature Max Time at Peak |  | Tempera                    | Temperature Number of Reflow Cycles |  | cles                               |
| Matte Tin (Sn) - annealed CU Alloy 3  |  | 3                               |                      | 260  |                  | С             | 30                                | secor  | nds 3                      |                                     |  |                                    |
| Comments  |  |                                 |                      |  |                  |               |                                   |  |                            |                                     |  |                                    |
| ATTENTION: MSL 3 Rated item requires Bake and   | Dry Pack (after  | electrical test)                |                      |  |                  |               |                                   |  |                            |                                     |  |                                    |
| For more information regarding material composition                                   | n please refer to  | page 3                          |                      |  |                  |               |                                   |  |                            |                                     |  |                                    |

| RoHS Material Composition Declaration  |  |  |   | Declaration Type *                              | Detailed  |  |  |  |  |  |
|--|--|--|---|---|---|--|--|--|--|--|
| Directive 2015/863/EU amending RoHS<br>Directive 2011/65/EU  | RoHS Definition: Quantity limit of 0.01% by mass (100 PPM) in homogeneous material for Cadmium and quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl phthalate (BBP), Dibutyl phthalate (DBP), Disobutyl phthalate (DIBP). |  |   |   |   |  |  |  |  |  |
| cadmium, hexavalentchromium, polybrominate<br>contains a RoHS restricted substance inexcess<br>encompass all such components. Supplier certif<br>as of the date that Supplier completes this form<br>Company acknowledges that Supplier may hav<br>independently verified information provided by<br>certification in this paragraph. If the Company a | ed biphenyls and/or polybrominated dip<br>of an applicable quantity limit, please ir<br>ies that it gathered the information it pro-<br>.Supplier acknowledges that Company<br>e relied on informationprovided by othe<br>v others, Supplier agrees that, at a minin<br>and the Supplier enter into a written agre<br>pource of the Supplier's liability and the   | henyl ethers (each a "<br>ndicate below which, i<br>ovides in this form us<br>will rely on this certifiers<br>in completing this<br>num, itssuppliers have<br>eement with respect to<br>Company's remedies | RoHS restricted substance") in exce<br>if any, RoHS exemption you believe<br>ing appropriate methods to ensure if<br>ication in determining the complian<br>form, and that Supplier may not have<br>e provided certifications regarding the<br>to the identified part, the terms and cc<br>for issues that arise regarding inform | ce of its products with European Union membe    | ove. If a homogeneous material within the part<br>er level components, the declaration shall<br>l correct to the best of its knowledge and belief,<br>r state laws that implement the RoHS Directive.<br>wever, in situations where Supplier has not<br>tions are at least as comprehensive as the<br>anty rights and/or remedies provided as part of |  |  |  |  |  |
| RoHS Declaration * 1 - Item(s)   | does not contain RoHS restricted substa  | on above   | Supplier Acceptance   | * Accepted                                      |   |  |  |  |  |  |
| Exemption: If the declared item does not con applicable exemptions.  | ntain RoHS restricted substances per   | the definition above   | except for defined RoHS exempti   | ons, then select the corresponding response i   | n the RoHS Declaration above and choose all   |  |  |  |  |  |
| Exemption List Version   | EL-2011/534/EU   |  |   |   |   |  |  |  |  |  |
| Declaration Signature  |  |  |   |   |   |  |  |  |  |  |
| Instructions: Complete all of the required fin<br>Requester) and click on Submit Form to have  | elds on all pages of this form. Select the form returned to the Requester  | he "Accepted" on th  | e Supplier Acceptance drop-down   | . This will display the signature area. Digital | lly sign the declaration (if required by the  |  |  |  |  |  |
| Supplier Digital Signature Ra  | stislav Drska  | Le   |   |   |   |  |  |  |  |  |

## Homogeneous Material Composition Declaration for Electronic Products

SubItem Instructions: The presence of any JIG Level A or B substances must be declared. [1] indicate the subpart in which the substance is located, [2] provide a description of the homogeneous material [3], enter the weight of the homogeneous material.

| Homogeneous Material | Weight | Unit of Measure | Level    | Substance                  | CAS              | Exempt | Weight  | Unit of Measur |
|----------------------|--------|-----------------|----------|----------------------------|------------------|--------|---------|----------------|
| Die                  | 5.37   | mg              | Supplier | Silicon (Si)               | 7440-21-3        |        | 5.37    | mg             |
| Die Attach           | 0.58   | mg              | Supplier | Organic peroxide           | 3006-86-8        |        | 0.0043  | mg             |
|                      |        |                 | Supplier | Diluent B                  | Proprietary Data |        | 0.029   | mg             |
|                      |        |                 | Supplier | Diluent A                  | Proprietary Data |        | 0.0232  | mg             |
|                      |        |                 | Supplier | Dicyandiamine              | 461-58-5         |        | 0.0014  | mg             |
|                      |        |                 | Supplier | Aluminum Trioxide (Al2O3)  | 1344-28-1        |        | 0.464   | mg             |
|                      |        |                 | Supplier | Formaldehyde Polymer       | 9003-36-5        |        | 0.058   | mg             |
| Lead Frame 7         | 70.13  | mg              | Supplier | Silver (Ag)                | 7440-22-4        |        | 0.561   | mg             |
|                      |        |                 | Supplier | Zinc (Zn)                  | 7440-66-6        |        | 0.0842  | mg             |
|                      |        |                 | Supplier | Iron (Fe)                  | 7439-89-6        |        | 1.6481  | mg             |
|                      |        |                 | Supplier | Copper (Cu)                | 7440-50-8        |        | 67.8157 | mg             |
|                      |        |                 | Supplier | Phosphorus (P)             | 7723-14-0        |        | 0.021   | mg             |
| Mold Compound-Black  | 101.52 | mg              |          | Epoxy resin                | proprietary data |        | 5.076   | mg             |
|                      |        |                 | Supplier | Phenolic Resin             | Proprietary Data |        | 2.0304  | mg             |
|                      |        |                 | Supplier | Ortho Cresol Novolac Resin | 29690-82-2       |        | 2.538   | mg             |
|                      |        |                 | Supplier | Carbon Black (C)           | 1333-86-4        |        | 0.5076  | mg             |
|                      |        |                 | Supplier | Fused Silica (SiO2)        | 60676-86-0       |        | 91.368  | mg             |
| Plating              | 1.87   | mg              | Supplier | Tin (Sn)                   | 7440-31-5        |        | 1.87    | mg             |
| Wire Bond            | 0.11   | mg              | Supplier | Palladium (Pd)             | 7440-05-3        |        | 0.0023  | mg             |
|                      |        |                 | Supplier | Gold (Au)                  | 7440-57-5        |        | 0.0003  | mg             |
|                      |        |                 | Supplier | Copper (Cu)                | 7440-50-8        |        | 0.1074  | mg             |

Substance Instructions: [A] select the Level (JIG A, JIG B, Requester or Supplier) [B] select the substance category (JIG or Requester) or enter a value (Supplier). [C] select the substance (JIG) or enter the substance and CAS (Other). [D] select a RoHS exemption, if applicable [E] enter the weight of the substance or the PPM concentration [F] Optionally enter the positive (+) and negative (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 sigma range of distribution unless otherwise noted).