| ASSOCIATION C              | CONNECTING<br>NDUSTRIES*   | C, Bannockb   | ourn, Illinois. A               | All rights reserved u ntions. | nder both  | This docume<br>level parts, t | ent is a declarati<br>he declaration e | on of the su<br>ncompasses | bstances<br>all lower     | within the manufact<br>level materials for | cturer listed           | l item. Note: if<br>manufacturer | the item is an as has engineering | ssembly with low responsibility. |  |
|----------------------------|--|---------------|---------------------------------|-------------------------------|--|-------------------------------|--|----------------------------|---------------------------|--|-------------------------|----------------------------------|-----------------------------------|----------------------------------|--|
| 752-21.1                   | IPC Web Site for Information on IPC-1752 Standard Form Typ<br>http://www.ipc.org/IPC-175x Distribute |               |                                 |                               | * Declaration Class *<br>Class 6 - RoHS Yes/No, Homogeneous Materi |                               |  |                            |                           | terials and                                | als and Mfg Information |                                  |                                   |                                  |  |
| upplier l                  | Information  |               |                                 |                               |  |                               |  |                            |                           |  |                         |                                  |                                   |                                  |  |
| Company name* Co           |  |               |                                 | Company unique ID             |  |                               | Unique ID Authority                    |                            |                           |  | Respo                   | Response Date*                   |                                   |                                  |  |
| nsemi                      |  |               |                                 |                               |  |                               |  |                            |                           |  | 2023-0                  | 2023-06-08                       |                                   |                                  |  |
| ontact Nar                 | me   |               | Title - Contact                 |                               |  | ]                             | Phone - Contact*                       |                            |                           |  | Email                   | Email - Contact*                 |                                   |                                  |  |
| Product-Env-Stewards       |  |               | Product Enviro Compliance       |                               |  |                               | NA                                     |                            |                           |  | Produ                   | Product-Env-Stewards@onsemi.com  |                                   |                                  |  |
| Authorized Representative* |  |               | Title - Representative          |                               |  | ]                             | Phone - Representative*                |                            |                           |  | Email                   | Email - Representative*          |                                   |                                  |  |
| Product-Env-Stewards       |  |               | Product Enviro Compliance       |                               |  |                               | NA                                     |                            |                           |  | Produ                   | Product-Env-Stewards@onsemi.com  |                                   |                                  |  |
| I                          | Requester Item Number Mfr Iten   |               | Number Mfr Item Name            |                               |  |                               | Effective Date                         | Version Manufacturing Site |                           |  | Weight*                 | UOM                              | Unit Type                         |                                  |  |
|                            | FSFR1800HS   |               | High Pwr FPS for HB             |                               | 2023-06-08   |                               | C                                      | СРА                        |                           | 1049.548                                   | mg                      | Each                             |                                   |                                  |  |
| Ianufact                   | turing Proccess Informat   | ion           |                                 |                               |  |                               |  |                            |                           |  |                         |                                  |                                   |                                  |  |
| Т                          | Terminal Plating / Grid Array Material   |               | Ferminal Base Alloy J-STD-020 M |                               | L Rating   | Peak Process Body Temperat    |  | emperatur                  | ure Max Time at Peak Temp |  | ature Numb              | er of Reflow Cy                  | cles                              |                                  |  |
| Matte Tin (Sn) - annealed  |  | CU Alloy NA   |                                 | NA                            |  | 0 C                           |  | 30 secon                   |                           | onds 3                                     |                         |                                  |                                   |                                  |  |
| omments                    |  |               |                                 |                               |  |                               |  |                            |                           |  |                         |                                  |                                   |                                  |  |
|                            |  |               |                                 |                               |  |                               |  |                            |                           |  |                         |                                  |                                   |                                  |  |
| or more in                 | formation regarding material o   | composition ( | please refer to                 | o page 3                      |  |                               |  |                            |                           |  |                         |                                  |                                   |                                  |  |

| RoHS Material Composition Declaration  |  |  |   | Declaration Type *  | Detailed  |  |  |  |  |  |
|--|--|--|---|---|---|--|--|--|--|--|
| Directive 2015/863/EU amending RoHS<br>Directive 2011/65/EU  |  | mium (Cr6+), Polybrominated Biphenyls (Pl  |   | dmium and quantity limit of 0.1% by mass (10<br>minated Diphenyl Ethers (PBDE), and Bis(2-et  |   |  |  |  |  |  |
| cadmium, hexavalentchromium, polybromina<br>contains a RoHS restricted substance inexces<br>encompass all such components. Supplier cer<br>as of the date that Supplier completes this for<br>Company acknowledges that Supplier may h<br>independently verified information provided<br>certification in this paragraph. If the Company | ated biphenyls and/or polybrominated dip<br>s of an applicable quantity limit, please in<br>iffies that it gathered the information it pr<br>m.Supplier acknowledges that Company<br>ave relied on informationprovided by oth<br>by others, Supplier agrees that, at a minir<br>and the Supplier enter into a written agr<br>esource of the Supplier's liability and the | henyl ethers (each a "RoHS restricted substa<br>ndicate below which, if any, RoHS exemption<br>ovides in this form using appropriate methoo<br>will rely on this certification in determining<br>ers in completing this form, and that Supplie<br>num, itssuppliers have provided certification<br>eement with respect to the identified part, the<br>Company's remedies for issues that arise reg | nce") in exco<br>n you believe<br>ls to ensure i<br>the compliar<br>r may not ha<br>s regarding t<br>terms and co | e may apply. If the part is an assembly with low<br>s accuracy and that such information is true an<br>ce of its products with European Union member<br>de independently verified such information. Ho<br>neir contributions to the part, and those certifica | ove. If a homogeneous material within the part<br>er level components, the declaration shall<br>d correct to the best of its knowledge and belief,<br>er state laws that implement the RoHS Directive.<br>wever, in situations where Supplier has not<br>ations are at least as comprehensive as the<br>anty rights and/or remedies provided as part of |  |  |  |  |  |
| RoHS Declaration * 4 - Item(   | s) does not contain RoHS restricted subst  | ances per the definition above except for sele   | ected exempt  | ions Supplier Acceptance  | * Accepted  |  |  |  |  |  |
| Exemption: 7a: Lead in high melting temperature type solders (i.e. lead based solder alloys containing 85% by weight or more lead).  |  |  |   |   |   |  |  |  |  |  |
| Exemption List Version   | EL-2011/534/EU   |  |   |   |   |  |  |  |  |  |
| Declaration Signature  |  |  |   |   |   |  |  |  |  |  |
| Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.                        |  |  |   |   |   |  |  |  |  |  |
| Supplier Digital Signature   | astislav 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.

| sigma range of distribution unless otherwise noted). |         |                 |          |                            |            |        |          |                 |  |  |
|--|---------|-----------------|----------|----------------------------|------------|--------|----------|-----------------|--|--|
| Homogeneous Material                                 | Weight  | Unit of Measure | Level    | Substance                  | CAS        | Exempt | Weight   | Unit of Measure |  |  |
| Die  | 9.87    | mg              | Supplier | Silicon (Si)               | 7440-21-3  |        | 9.87     | mg              |  |  |
| Die Attach   | 2.18    | mg              | Supplier | Silver (Ag)                | 7440-22-4  |        | 0.0327   | mg              |  |  |
|  |         |                 | А        | Lead (Pb)                  | 7439-92-1  | 7a     | 2.0383   | mg              |  |  |
|  |         |                 | Supplier | Tin (Sn)                   | 7440-31-5  |        | 0.109    | mg              |  |  |
| Lead Frame   | 339.343 | mg              | Supplier | Zinc (Zn)                  | 7440-66-6  |        | 0.407    | mg              |  |  |
|  |         |                 | Supplier | Iron (Fe)                  | 7439-89-6  |        | 7.805    | mg              |  |  |
|  |         |                 | Supplier | Copper (Cu)                | 7440-50-8  |        | 331.0291 | mg              |  |  |
|  |         |                 | Supplier | Phosphorus (P)             | 7723-14-0  |        | 0.1019   | mg              |  |  |
| Mold Compound-Black                                  | 693.0   | mg              | Supplier | Ortho Cresol Novolac Resin | 29690-82-2 |        | 34.65    | mg              |  |  |
|  |         |                 | Supplier | Carbon Black (C)           | 1333-86-4  |        | 6.93     | mg              |  |  |
|  |         |                 | Supplier | Fused Silica (SiO2)        | 60676-86-0 |        | 616.77   | mg              |  |  |
|  |         |                 | Supplier | Phenolic Resin (Novolac)   | 9003-35-4  |        | 34.6499  | mg              |  |  |
| Plating  | 4.92    | mg              | Supplier | Tin (Sn)                   | 7440-31-5  |        | 4.92     | mg              |  |  |
| Wire Bond - Cu                                       | 0.235   | mg              | Supplier | Copper (Cu)                | 7440-50-8  |        | 0.235    | 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