| IPC <br> ASSOCIATION CONNECTIN | Material Composition Declaration <br> © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions. |  | This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility. |
| :---: | :---: | :---: | :---: |
| 1752-21.1 | IPC Web Site for Information on IPC-1752 Standard http://www.ipc.org/IPC-175x | Form Type * Distribute | Declaration Class * <br> Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information |

## Supplier Information

| Company name* <br> onsemi |  | Company unique ID | Unique ID Authority |  |  | $\begin{array}{\|l} \text { Response Date* } \\ \text { 2022-02-10 } \\ \hline \end{array}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Contact Name <br> Product-Env-Stewards |  | Title - Contact <br> Product Enviro Compliance | $\begin{array}{\|l} \hline \text { Phone - Contact* } \\ \text { NA } \\ \hline \end{array}$ |  |  | Email - Contact* <br> Product-Env-Stewards@onsemi.com |  |  |
| Authorized Representative* <br> Product-Env-Stewards |  | Title - Representative <br> Product Enviro Compliance | $\begin{aligned} & \text { Phone - Representative* } \\ & \text { NA } \\ & \hline \end{aligned}$ |  |  | $\begin{aligned} & \text { Email - Representative* } \\ & \text { Product-Env-Stewards@onsemi.com } \end{aligned}$ |  |  |
| Requester Item Number | Mfr Item Number | Mfr Item Name | Effective Date | Version | Manufacturing Site | Weight* | UOM | Unit Type |
|  | 1N5350BG | ZEN SUR40 REG 5W 13V | 2022-02-10 |  | CN3 | 607.0 | mg | Each |

## Manufacturing Proccess Information



| RoHS Material Composition Declaration | Declaration Type * | Detailed |
| :--- | :--- | :--- | :--- |










 warranty rights and/or remedies of Supplier's Standard Terms andConditions of Sale applicable to such part shall apply
RoHS Declaration * $\quad 4$ - Item(s) does not contain RoHS restricted substances per the definition above except for selected exemptions $\quad$ Accepted

## Exemption: 7a: Lead in high melting temperature type solders (i.e. lead based solder alloys containing $85 \%$ by weight or more lead)

## Declaration Signature

 Requester) and click on Submit Form to have the form returned to the Requester Supplier Digital Signature

Rastislav Drska $\qquad$

## Homogeneous Material Composition Declaration for Electronic Products

 homogeneous material.

 sigma range of distribution unless otherwise noted).

| Homogeneous Material | Weight | Unit of Measure | Level | Substance | CAS | Exempt | Weight | Unit of Measure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Die | 4.5 | mg | Supplier | Silicon (Si) | 7440-21-3 |  | 4.5 | mg |
| Die Attach Solder | $21.29$ | $\mathrm{mg}$ | Supplier | Silver (Ag) | 7440-22-4 |  | 0.5323 | mg |
|  |  |  | A | Lead (Pb) | 7439-92-1 | 7a | 19.6933 | mg |
|  |  |  | Supplier | Tin (Sn) | 7440-31-5 |  | 1.0645 | mg |
| Lead Frame | 333.62 | mg | B | Nickel (Ni) | 7440-02-0 |  | 3.6698 | mg |
|  |  |  | Supplier | Copper (Cu) | 7440-50-8 |  | 329.9502 | mg |
| Mold Compound-Black | 239.19 | mg |  | Metal Hydroxide | proprietary data |  | 11.9595 | mg |
|  |  |  | Supplier | Carbon Black (C) | 1333-86-4 |  | 2.3919 | mg |
|  |  |  | Supplier | Fused Silica (SiO2) | 60676-86-0 |  | 179.3925 | mg |
|  |  |  | Supplier | Ortho Cresol Novolac Resin | 29690-82-2 |  | 23.919 | mg |
|  |  |  | Supplier | Phenolic Resin (Novolac) | 9003-35-4 |  | 21.5271 | mg |
| Plating | 8.4 | mg | Supplier | Tin (Sn) | 7440-31-5 |  | 8.4 | mg |

