Authorized Representative*  Product-Env-Stewards Product Enviro Compliance Requester Item Number Requester Item Number Requester Item Number Representative* Representative* Remail - Representative* Requester Item Number Representative* Repr	This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with low level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.						
Company name* Company unique ID  Unique ID Authority Response Date*  2024-05-21  Contact Name Title - Contact Name Product Enviro Compliance NA Product Enviro Stewards Product Enviro Compliance NA Product Enviro Compliance NA Product Enviro Stewards @onsemi.  Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight* UOM  Manufacturing Proccess Information  Manufacturing Proccess Information  Terminal Plating / Grid Array Material Terminal Base Alloy J-STD-020 MSL Rating Peak Process Body Temperature Max Time at Peak Temperature Number of Reflow Compliance Nu							
Insemi In							
Title - Contact* Product-Env-Stewards Product-Env-S	Response Date*						
Product Env-Stewards  Product Enviro Compliance  Title - Representative*  Product Enviro Compliance  NA  Phone - Representative*  Product Env-Stewards@onsemi.  Requester Item Number  Mfr Item Number  Mfr Item Number  Mfr Item Name  Effective Date  Version  Manufacturing Site  Weight*  UOM  Anufacturing Process Information  Terminal Plating / Grid Array Material  Terminal Base Alloy  Matter Tin (Sn) - annealed  Product Enviro Compliance  NA  Product Env-Stewards@onsemi.  Product Enviro Compliance  NA  Product Enviro Compliance  NA  Product Env-Stewards@onsemi.  Product Env-Stewards@onsemi.  Product Env-Stewards@onsemi.  NA  Product Env-Stewards@onsemi.  Product Env-Stewards@onsemi.  Product Env-Stewards@onsemi.  NA  Product Env-Stewards@onsemi.  Product Env-Stewards@onsemi.  Product Env-Stewards@onsemi.  NA  Product Env-Stewards@onsemi.  Product Env-Stewards@onsemi.  NA  Product Env-Stewards@onsemi.  Product Env-Stewards@onsemi.  Product Env-Stewards@onsemi.  Product Env-Stewards@onsemi.  Product Env-Stewards@onsemi.  NA  Product Env-Stewards@onsemi.  Product Env-Stewards@onsemi.  Product Env-Stewards@onsemi.  Product Env-Stewards  Product En	2024-05-21						
Title - Representative* Product Enviro Compliance Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight* UOM Anufacturing Proccess Information  Terminal Plating / Grid Array Material Terminal Base Alloy Matte Tin (Sn) - annealed  Title - Representative Phone - Representative* NA Product Enviro Compliance NA Product Enviro Compliance NA Product Enviro Compliance NA Product Enviro Compliance NA Product Enviro Stewards @onsemi. Weight* UOM Anufacturing Proccess Information  Peak Process Body Temperature Max Time at Peak Temperature Number of Reflow Compliance NA	Email - Contact*						
Product-Env-Stewards  Requester Item Number  Mfr Item Number  Mfr Item Name  Effective Date  Version  Manufacturing Site  Weight*  UOM  FCP4N60  FC	Product-Env-Stewards@onsemi.com						
Requester Item Number	Email - Representative*						
FCP4N60 SF1 600V 1.20hm E TO220 2024-05-21 CPA 2030.181 mg    Image: Comparison   Imag	Product-Env-Stewards@onsemi.com						
Janufacturing Proccess Information         Terminal Plating / Grid Array Material       Terminal Base Alloy       J-STD-020 MSL Rating       Peak Process Body Temperature       Max Time at Peak Temperature       Number of Reflow C         Matte Tin (Sn) - annealed       CU Alloy       NA       0       C       30       seconds       3	Unit Type						
Terminal Plating / Grid Array Material Terminal Base Alloy J-STD-020 MSL Rating Peak Process Body Temperature Max Time at Peak Temperature Number of Reflow C Matte Tin (Sn) - annealed CU Alloy NA 0 C 30 seconds 3	Each						
Matte Tin (Sn) - annealed CU Alloy NA 0 C 30 seconds 3							
White III (01) unique   Colling   1111   Colling   Colli	<u> </u>						
omments							
or more information regarding material composition please refer to page 3							

RoHS Material Composition Declaration			Declaration Type *	Detailed					
Directive 2015/863/EU amending RoHS 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), Diisobutyl phthalate (DIBP).								
Please indicate whether any homogeneous material (as defined by the RoHS Directive, EU 2011/65/EU and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury, cadmium, hexavalentchromium, polybrominated biphenyls and/or polybrominated diphenyl ethers (each a "RoHS restricted substance") in excess of the applicable quantity limit identified above. If a homogeneous material within the part contains a RoHS restricted substance inexcess of an applicable quantity limit, please indicate below which, if any, RoHS exemption you believe may apply. If the part is an assembly with lower level components, the declaration shall encompass all such components. Supplier certifies that it gathered the information it provides in this form using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledges that Supplier completes this form. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive Company acknowledges that Supplier may have relied on information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its paragraph. If the Company and the Supplier enter into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusivesource of the Supplier's Itability and the Company's remedies for issues that arise regarding information the Supplier provides in this form. In the absence of such written agreement, the warranty rights and/or remedies of Supplier's Standard Terms and Conditions of Sale applicable to such part shall apply.									
RoHS Declaration * 4 - Item(s	) does not contain RoHS restricted substance	s per the definition above except for selected exemp	tions 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 Ra	astislav Drska	-En							

## **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.

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).

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	2.81	mg	Supplier	Silicon (Si)	7440-21-3		2.81	mg
Die Attach Solder	1.111		Supplier	Silver (Ag)	7440-22-4		0.0278	mg
			A	Lead (Pb)	7439-92-1	7a	1.0277	mg
			Supplier	Tin (Sn)	7440-31-5		0.0555	mg
Lead Frame	1492.12		В	Nickel (Ni)	7440-02-0		0.1492	mg
			Supplier	Iron (Fe)	7439-89-6		1.4921	mg
			Supplier	Copper (Cu)	7440-50-8		1490.031	mg
			Supplier	Phosphorus (P)	7723-14-0		0.4476	mg
Mold Compound-Black	518.4			Proprietary	proprietary data		25.92	mg
			Supplier	Carbon Black (C)	1333-86-4		2.592	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		386.208	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		77.76	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		25.92	mg
Plating	13.3	mg	Supplier	Tin (Sn)	7440-31-5		13.3	mg
Wire Bond - Al	2.44	mg	Supplier	Aluminum (Al)	7429-90-5		2.44	mg