Authorized Representative* Title - Representative Phone - Representative* Email - Representative*	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.						
Company name* Company unique ID Unique ID Authority Response Date* 2024-04-19 Contact Name Title - Contact Product-Env-Stewards Product Enviro Compliance Itle - Representative Product-Env-Stewards Product Enviro Compliance NA Product-Env-Stewards Product Enviro Compliance NA Product-Env-Stewards@onsemi Requester Item Number Mfr Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight* UOM 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 of							
Title - Contact Phone - Contact* Product-Env-Stewards Product Enviro Compliance Title - Representative Product Enviro Compliance Title - Representative Phone - Representative* Product-Env-Stewards Product Enviro Compliance NA Product-Env-Stewards@onsemi Requester Item Number Mfr Item Number Mfr Item Name Effective Date Product Enviro Compliance NA Product-Env-Stewards@onsemi 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 J-STD-020 MSL Rating Peak Process Body Temperature Max Time at Peak Temperature Number of Reflow On the Contact* Product-Env-Stewards@onsemi Requester Item Number Manufacturing Site Weight* UOM Post S456.725 Mg Manufacturing Proccess Information							
Title - Contact Product Enviro Compliance Product-Env-Stewards Product-Env-Stewards Product Enviro Compliance Product-Env-Stewards Prod	Response Date*						
Product-Env-Stewards uthorized Representative* Title - Representative Product-Env-Stewards Pr	2024-04-19						
Authorized Representative* Product-Env-Stewards Product Enviro Compliance Requester Item Number Reflective Date Version Manufacturing Site Weight* UOM Version Requester Item Number Representative* Representative* Remail - Representative* Reproduct-Env-Stewards@onseming Requester Item Number Representative* Representative* Reproduct-Env-Stewards@onseming Requester Item Number Requester Item Number Requester Item Number Representative* Rep	Email - Contact*						
Product-Env-Stewards Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight* UOM FCH47N60F-F085 NMOS TO247 600V 47 mOhm 2024-04-19 CPA 5456.725 mg 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 Ones.	Product-Env-Stewards@onsemi.com						
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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 O	Each						
Matte Tin (Sn) - annealed CU Alloy NA U C 30 Seconds 3	<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 knowledge and belief, as of the date 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 informationprovided 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 suppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier nenter 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 Itaalian and the Company's remedies for issues that arise regarding information the Supplier provid									
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	32.0	mg	Supplier	Silicon (Si)	7440-21-3		32	mg
Die Attach Solder	35.025		Supplier	Silver (Ag)	7440-22-4		0.8756	mg
			A	Lead (Pb)	7439-92-1	7a	32.3981	mg
			Supplier	Tin (Sn)	7440-31-5		1.7512	mg
Lead Frame	3643.9		Supplier	Zinc (Zn)	7440-66-6		1.4576	mg
			В	Nickel (Ni)	7440-02-0		119.1555	mg
			Supplier	Iron (Fe)	7439-89-6		2.1863	mg
			Supplier	Copper (Cu)	7440-50-8		3520.0071	mg
			Supplier	Phosphorus (P)	7723-14-0		1.0932	mg
Mold Compound-Black	1739.8		Supplier	2,6-dibromo-4-[1-(3-bromo-4-hydroxyphenyl)-1-methylethyl]phenol	6386-73-8		20.9	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		283.9998	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		34.9	mg
			Supplier	Carbon Black (C)	1333-86-4		17.3999	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		1382.6	mg
Wire Bond - Al	6.0	mg	Supplier	Aluminum (Al)	7429-90-5		6	mg