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 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* 2023-06-08 Contact Name Title - Contact Product Env-Stewards Authorized Representative* Product-Env-Stewards Title - Representative Title - Representative Product-Env-Stewards NA Product-Env-Stewards@ons Authorized Representative* Product-Env-Stewards Product-Env-Stewards Product-Env-Stewards NA Product-Env-Stewards@ons Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight* UOM NCV887100D1R2G AUTOMOTIVE-GRADE NON-SYNC 2023-06-08 PH1 72.0 mg	rials and Mfg Information					
2023-06-08						
Contact Name Title - Contact Product Enviro Compliance NA Product Enviro Compliance NA Product Enviro Compliance Title - Representative* Title - Representative Product Enviro Compliance NA Product Enviro Compliance NA Product Enviro Compliance NA Product Enviro Compliance NA Product Enviro Compliance Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight* UOM NCV887100D1R2G AUTOMOTIVE-GRADE NON-SYNC 2023-06-08 PH1 72.0 mg	Response Date*					
Product Enviro Compliance NA Product-Env-Stewards@ons Authorized Representative* Title - Representative Product-Env-Stewards Product Enviro Compliance NA Product-Env-Stewards@ons Requester Item Number Mfr Item Number Mfr Item Name Requester Item Number Mfr Item Name NCV887100D1R2G AUTOMOTIVE-GRADE NON-SYNC 2023-06-08 Product-Env-Stewards@ons NA N	2023-06-08					
Authorized Representative* Product-Env-Stewards Product Enviro Compliance Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight* UOM NCV887100D1R2G AUTOMOTIVE-GRADE NON-SYNC 2023-06-08 PH1 72.0 mg	Email - Contact*					
Product-Env-Stewards Product Enviro Compliance NA Product-Env-Stewards@ons	Product-Env-Stewards@onsemi.com					
Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight* UOM NCV887100D1R2G AUTOMOTIVE-GRADE NON-SYNC 2023-06-08 PH1 72.0 mg	Email - Representative*					
NCV887100D1R2G AUTOMOTIVE-GRADE NON-SYNC 2023-06-08 PH1 72.0 mg	Product-Env-Stewards@onsemi.com					
	Unit Type					
Nanufacturing Proccess Information	Each					
Terminal Plating / Grid Array Material Terminal Base Alloy J-STD-020 MSL Rating Peak Process Body Temperature Max Time at Peak Temperature Number of Reflec	w Cyales					
	v Cycles					
omments						
vel 1 - maximum time at peak temperature during soldering is 10-30 seconds or more information regarding material composition please refer to page 3						

RoHS Material Composition Declaration			Declaration Type *	Detail	led					
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 (DBP), Diisobutyl phthalate (DBP), Diisobutyl phthalate (DBP).										
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 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 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 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 of Supplier's Standard Terms and Conditions of Sale applicable to such part shall apply.										
RoHS Declaration * 1 - Item	(s) does not contain RoHS restricted substa	ances per the definition above	Supplier Ac	ceptance *	Accepted					
Exemption: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.										
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructional Complete all of the required	fields on all neggs of this form. Calcut th		a duan dawn. This will display the signature on	a Digitally sign	the declaration (if recurined by the					
Instructions: Complete all of the required Requester) and click on Submit Form to			e drop-down. This will display the signature ar	ea. Digitally sign	the declaration (if required by the					

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	1.33	mg	Supplier	Silicon (Si)	7440-21-3		1.33	mg
Die Attach	2.4	mg		Epoxy resin	proprietary data		0.24	mg
			Supplier	Ethylene dimethacrylate	97-90-5		0.12	mg
			Supplier	Silver (Ag)	7440-22-4		1.92	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.12	mg
Lead Frame	37.61	mg	Supplier	Silver (Ag)	7440-22-4		0.7898	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0752	mg
			Supplier	Iron (Fe)	7439-89-6		0.9403	mg
			Supplier	Copper (Cu)	7440-50-8		35.8047	mg
Mold Compound-Black	28.58	mg		Epoxy resin	proprietary data		1.429	mg
			Supplier	Phenolic Resin	Proprietary Data		0.5716	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.7145	mg
			Supplier	Carbon Black (C)	1333-86-4		0.1429	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		25.722	mg
Plating	1.89	mg	Supplier	Tin (Sn)	7440-31-5		1.89	mg
Wire Bond - Au	0.19	mg	Supplier	Gold (Au)	7440-57-5		0.19	mg