Company name* Contact Name Product-Env-Steward	rds	Company uniq	que ID	Form Type * Distribute	Unique II	Class 6	,	Homogeneous Mater	Response I		1	
Company name* nsemi Contact Name Product-Env-Steward Authorized Represent	rds	Title - Contact			Unique II	O Authori	ty		Response I)ate*		
nsemi Contact Name Product-Env-Steward Authorized Represent		Title - Contact			Unique II	O Authori	ty		Response I	Date*		
Contact Name Product-Env-Steward Authorized Represent Product-Env-Steward			t									
Product-Env-Steward Authorized Represent			t						2023-06-08			
uthorized Represent		Product Enviro			Phone - C	Phone - Contact*			Email - Contact*			
Product-Env-Steward	ntative*		luct Enviro Compliance			NA			Product-Env-Stewards@onsemi.com			
		Title - Represe	itle - Representative			Phone - Representative*			Email - Representative*			
Requester I	rds	Product Enviro	Product Enviro Compliance			NA			Product-Env-Stewards@onsemi.com			
	Requester Item Number Mfr Iter		n Number Mfr Item Name			Effective Date Version Manufacturing Site		Manufacturing Site	Wei	ight*	UOM	Unit Type
	NOIL2	NOIL2SC1300A-GDC LUPA1300		A1300-2 COLOR PGA168		2023-06-08 TH		ГНА		0734.47 mg		Each
Ianufacturing Pi	Process Information											1
Terminal Pla	Terminal Plating / Grid Array Material		Γerminal Base Alloy J-S		0 MSL Rating Pea		eak Process Body Temperature Max		Peak Temperature		Number of Reflow Cycles	
Precious mo Sn)			CU Alloy N.		0		С	30	seconds	seconds 3		
omments			<u> </u>	·	· ·	·					·	

RoHS Material Composition Declaration			Declaration Type *	Detail	ed
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		ium (Cr6+), Polybrominated Biphenyls (PB)	erial for Cadmium and quantity limit of 0.1% b B), Polybrominated Diphenyl Ethers (PBDE), a		
cadmium, hexavalentchromium, polybromin contains a RoHS restricted substance inexce encompass all such components. Supplier cet as of the date that Supplier completes this Company acknowledges that Supplier may hindependently verified information provided certification in this paragraph. If the Compan	nated biphenyls and/or polybrominated diphess of an applicable quantity limit, please indriffes that it gathered the information it provom. Supplier acknowledges that Company wave relied on informationprovided by others of the supplier agrees that, at a minimuly and the Supplier enter into a written agree yesource of the Supplier's liability and the C	enyl ethers (each a "RoHS restricted substan licate below which, if any, RoHS exemption vides in this form using appropriate methods vill rely on this certification in determining the s in completing this form, and that Supplier um, itssuppliers have provided certifications ement with respect to the identified part, the tompany's remedies for issues that arise rega	s of the European Union member states) of the ce") in excess of the applicable quantity limit is you believe may apply. If the part is an assemb to ensure its accuracy and that such informatio e compliance of its products with European Ur may not have independently verified such infor regarding their contributions to the part, and the erms and conditions of that agreement, including information the Supplier provides in this	dentified above. If a ally with lower level in is true and correct tion member state la mation. However, in ose certifications are ag any warranty righ	homogeneous material within the part components, the declaration shall to the best of its knowledge and belief, was that implement the RoHS Directive. In situations where Supplier has not the at least as comprehensive as the lats and/or remedies provided as part of
RoHS Declaration * 1 - Item	(s) does not contain RoHS restricted substar	nces per the definition above	Supplier A	cceptance *	Accepted
Exemption: If the declared item does not applicable exemptions.	contain RoHS restricted substances per t	he definition above except for defined Rol	IS exemptions, then select the corresponding	response in the R	oHS Declaration above and choose all
Exemption List Version	EL-2011/534/EU				
Declaration Signature					
		e "Accepted" on the Supplier Acceptance	drop-down. This will display the signature a	rea. Digitally sign t	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
Ceramic Substrate	8797.93	mg	Supplier	Cobalt (Co)	7440-48-4		36.9513	mg
			Supplier	Titanium Dioxide (TiO2)	13463-67-7		40.4705	mg
			Supplier	Silver (Ag)	7440-22-4		28.1534	mg
			Supplier	Molybdenum (Mo)	7439-98-7		21.115	mg
			Supplier	Tungsten (W)	7440-33-7		354.5566	mg
			Supplier	Magnesium Monoxide (MgO)	1309-48-4		80.941	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		285.0529	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		7363.8667	mg
			В	Nickel (Ni)	7440-02-0		232.2654	mg
			Supplier	Gold (Au)	7440-57-5		14.0767	mg
			Supplier	Iron (Fe)	7439-89-6		17.5959	mg
			Supplier	Chromium Trioxide (Cr2O3)	1308-38-9		317.6053	mg
			Supplier	Copper (Cu)	7440-50-8		5.2788	mg
Die	149.72	mg	Supplier	Silicon (Si)	7440-21-3		149.72	mg
Die Attach	70.87	mg	Supplier	Silver (Ag)	7440-22-4		53.1525	mg
			Supplier	Epoxy resins	129915-35-1		17.7175	mg
Glass Attach Epoxy	16.28	mg	Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		6.805	mg
			Supplier	4,4'-Diaminodiphenyl Sulfone (DDS-4,4')	80-08-0		2.4908	mg
			Supplier	Filler (SiO2?C2H6Cl2Si)	68611-44-9		6.512	mg
			Supplier	Carbon Black (C)	1333-86-4		0.4005	mg
			Supplier	Additive	1760-24-3, 2530- 83-8		0.0716	mg
Glass Lid /Cap	1695.94	mg	Supplier	Boron Trioxide (B2O3)	1303-86-2		169.594	mg
			Supplier	Magnesium Monoxide (MgO)	1309-48-4		84.797	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		1102.361	mg
			Supplier	Barium Monoxide (BaO)	1304-28-5		84.797	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		169.594	mg
			Supplier	Calcium Monoxide (CaO)	1305-78-8		84.797	mg
Wire Bond - Al	3.73	mg	Supplier	Aluminum (Al)	7429-90-5		3.73	mg