Authorized Representative* Title - Representative Phone - Representative* Email - Representative*	s an assembly with low eering responsibility.		
Company name* Company unique ID Unique ID Authority Response Date* 2024-05-13 Contact Name Title - Contact Phone - Contact* Product-Env-Stewards Email - Contact* Email - Contact* Email - Representative* Product-Env-Stewards Product-Env-Stewards Email - Representative* Droduct-Env-Stewards Email - Representative* Droduct-Env-Stewards Email - Representative* Droduct-Env-Stewards Email - Representative* Droduct-Env-Stewards Email - Contact* Email			
nsemi ontact Name Title - Contact Product-Env-Stewards Product Enviro Compliance Title - Representative Title - Representative Phone - Representative* Phone - Representative* Email - Contact* Product-Env-Stewards@onsemi.com Phone - Representative* Email - Representative* Email - Representative* Phone - Representative* Email - Representative* UOM Product-Env-Stewards@onsemi.com Product-Env-Stewards@onsemi.com Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight* UOM Insufacturing Proccess Information Terminal Plating / Grid Array Material Terminal Base Alloy Peak Process Body Temperature Max Time at Peak Temperature Number of Reflow Cycle Matte Tin (Sn) - annealed CU Alloy NA 0 C 30 Seconds 3			
Title - Contact Name Product Envi-Stewards Product Enviro Compliance NA Product-Env-Stewards@onsemi.com Product-Env-Stewards@onsemi.com Product-Env-Stewards@onsemi.com Product-Env-Stewards@onsemi.com Product-Env-Stewards@onsemi.com Product-Env-Stewards@onsemi.com NA	Response Date*		
Product-Env-Stewards Authorized Representative* Title - Representative Product-Env-Stewards Product Enviro Compliance NA Product-Env-Stewards@onsemi.com NA	2024-05-13		
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Matte Tin (Sn) - annealed CU Alloy NA 0 C 30 seconds 3			
Figure 1m (bh) dimented CC 1moj 1/12 C CC Secondo C	w Cycles		
omments			
or more information regarding material composition please refer to page 3			

RoHS Material Composition Declaration			Declaration Type *	Detail	ed					
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 information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier 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 provided as part of that agreement, will be the sole and exclusivesource of the Supplier's liability 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 Stan										
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
Die	3.2	mg	Supplier	Silicon (Si)	7440-21-3		3.2	mg
Die Attach	5.15	_	Supplier	Silver (Ag)	7440-22-4		4.3775	mg
			Supplier	Phenolic Resin	Proprietary Data		0.7725	mg
Lead Frame	80.67		Supplier	Silver (Ag)	7440-22-4		0.0081	mg
			Supplier	Iron (Fe)	7439-89-6		0.0807	mg
			Supplier	Copper (Cu)	7440-50-8		80.5571	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0242	mg
Mold Compound-Black	106.15			Phenol Resin	proprietary data		10.615	mg
			Supplier	Carbon Black (C)	1333-86-4		1.0615	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		81.7355	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		12.738	mg
Plating	2.74	mg	Supplier	Tin (Sn)	7440-31-5		2.74	mg
Wire Bond - Au	0.1	mg	Supplier	Gold (Au)	7440-57-5		0.1	mg