ASSOCIATION CONNECTI ELECTRONICS INDUSTRI	Material Compos © Copyright 2005. IPC international and Pan-A	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.				This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lowe level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.									
752-21.1		IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					als and M	fg Informat	ion		
Supplier Infori									,						
Company name*			Company unique ID			Unique I	Unique ID Authority					Response Date*			
onsemi											2023-06-08				
Contact Name		Title - Contact			Phone -	Phone - Contact*					Email - Contact*				
Product-Env-Stew	vards		Product Enviro Compliance			NA	NA				Product-Env-Stewards@onsemi.com				
uthorized Repres	sentative*		Title - Representative			Phone -	Phone - Representative*				Email - Representative*				
Product-Env-Stew	vards	Product Enviro Compliance			NA	NA				Product-Env-Stewards@onsemi.com					
Reques	Requester Item Number Mfr Item		em Number Mfr Item Name			Effectiv	ve Date	e Version Manufacturing Site		,	Weight*	UOM	Unit Type		
				WDFN6L ESD Pr Short-to-Battery B	otection with Automoti	re 2023-0	6-08	MY1		8	3.67	mg	Each		
<b>Ianufacturing</b>	g Proccess Informatio	on													
Terminal Plating / Grid Array Material Terminal			rminal Base Alloy J-STD-020 MSL R		-STD-020 MSL Rating	Pea	Peak Process Body Temperature   Max Time at Pe		e Max Time at Peak	ak Temperature Number of Reflow Cycles					
Matte Tin (Sn) - annealed		C	CU Alloy 1			260	0	C 30		30	secon	ds 3			
omments															
vel 1 - maximum	time at peak temperature	e during sol	dering is 10-3	0 seconds											
or more informat	tion regarding material co	mposition	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 (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 is 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 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	0.2	mg	Supplier	Silicon (Si)	7440-21-3		0.2	mg
Die Attach	0.04	mg		Epoxy resin	proprietary data		0.006	mg
			Supplier	Silver (Ag)	7440-22-4		0.032	mg
			Supplier	Bismaleimide	13676-54-5		0.002	mg
Lead Frame	3.12	mg	Supplier	Silver (Ag)	7440-22-4		0.0312	mg
			Supplier	Tin (Sn)	7440-31-5		0.0078	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0069	mg
			Supplier	Chromium (Cr)	7440-47-3		0.0078	mg
			Supplier	Copper (Cu)	7440-50-8		3.0663	mg
Mold Compound-Black	5.1	mg	Supplier	Epoxy and Phenolic Resin	40216-08-8		0.408	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0255	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.102	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		4.4115	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.153	mg
Plating	0.15	mg	Supplier	Tin (Sn)	7440-31-5		0.15	mg
Wire Bond - Au	0.06	mg	Supplier	Gold (Au)	7440-57-5		0.06	mg