IPC ASSOCIATION CONNECT ELECTRONICS INDUSTR	© Copyright 2005. I	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 lower 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 Typ http://www.ipc.org/IPC-175x Distribute				* Declaration Class * Class 6 - RoHS Yes/No. Homogeneous Materi				ials and Mfc Information				
upplier Infor	mation				·									
Company name*			Company unique ID			J	Unique ID Authority				Response Date*			
nsemi											2025-05-13			
Contact Name		Title - Contact			I	Phone - Contact*				Email - Contact*				
Product-Env-Stev	wards	Product Enviro Compliance]	NA				Product-Env-Stewards@onsemi.com				
uthorized Repre	sentative*	Title - Representative			F	Phone - Representative*			Email - Representative*					
Product-Env-Stewards			Product Enviro Compliance			1	NA				Product-Env-Stewards@onsemi.com			
Reques	ster Item Number	Mfr Item Number		Mfr Item Name			Effective Date	Version	М	Manufacturing Site		Veight*	UOM	Unit Type
	FODM291BR2 4S		4SO TR T&R			2025-05-13		E	EVERLGFG		1.39	mg	Each	
	g Process Informa		arminal Reso	Alloy	STD-020 MS	I. Poting	Dank Drogg	se Rody Tam	naratura	Max Time at Peak	Tamparatu	ira Numb	per of Reflow Cyc	Jac
			Terminal Base Alloy J-STD-020 CU Alloy 1		31D-020 MS	L Kaung	Peak Process Body Temperature 260 C		30			ber of Kellow Cyc	ies	
•	ım (ən) - anneaied	Į.	O Alloy	1			200	<u> </u>	•	30	second	18 3		
omments	ı time at peak temperatı	uro during sol	doring is 10.2	0 soconds										
	tion regarding material													

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 has not independently verified information provided by others, Supplier agrees that, at a minimum, its 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 Standard Terms and Conditions of Sale applicable to such part shall apply.											
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 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											
		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	Weight Unit of Measure Level Substance		Substance	CAS	Exempt	Weight	Unit of Measure	
Coupling Gel	0.5062	mg	Supplier	Methylhydrogen Siloxane, Trimethylsiloxy-terminated	63148-57-2		0.0253	mg	
			Supplier	Filler (SiO2)	68909-20-6		0.0759	mg	
			Supplier	Dimethyl Siloxane	68083-19-2		0.405	mg	
Die	0.3258	mg	Supplier	GaAs	1303-00-0		0.1841	mg	
			Supplier	Silicon (Si)	7440-21-3		0.1417	mg	
Die Attach	0.08	mg	Supplier	Silver (Ag)	7440-22-4		0.06	mg	
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.02	mg	
Lead Frame	23.3215	mg	Supplier	Silver (Ag)	7440-22-4		0.0583	mg	
			Supplier	Zinc (Zn)	7440-66-6		0.2099	mg	
			Supplier	Iron (Fe)	7439-89-6		0.4898	mg	
			Supplier	Copper (Cu)	7440-50-8		22.3537	mg	
			Supplier	Phosphorus (P)	7723-14-0		0.2099	mg	
Mold Compound-Black	17.4473	mg	Supplier	Fiber Glass (SiO2)	65997-17-3		10.4684	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.1745	mg	
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		5.2342	mg	
			Supplier	Phenolic Resin (Novolac)	9003-35-4		1.5703	mg	
Mold Compound-White	9.6027	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		1.9205	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		6.7219	mg	
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.9603	mg	
Plating	0.0585	mg	Supplier	Tin (Sn)	7440-31-5		0.0585	mg	
Wire Bond - Au	0.048	mg	Supplier	Gold (Au)	7440-57-5		0.048	mg	