IPC ASSOCIATION CONNECT ELECTRONICS INDUSTR	© Copyright 2005. IPC	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.			der both le	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			U	Unique ID Authority				Response Date*			
onsemi											2023-06-08			
Contact Name			Title - Contact			P	Phone - Contact*				Email - Contact*			
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Product-Env-Stewards			Product Enviro Compliance			ľ	NA				Product-Env-Stewards@onsemi.com			
Reques	ster Item Number	Mfr Item Number		Mfr Item Name			Effective Date	Version	N	Manufacturing Site		Veight*	UOM	Unit Type
	MOCD223		3R2M 8SO 2-CH TR T&R			2023-06-08		I	LITEONFG		68.58636	mg	Each	
	g Proccess Information													
			,		STD-020 MSL F	Rating	Peak Process Body Temper		T *				er of Reflow Cyc	eles
•	Γin (Sn) - annealed	C	U Alloy	1			260		C	30	secono	ds 3		
omments														
	time at peak temperature													
or more informa	tion regarding material co	mposition p	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 (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 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 have not independently verified 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 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		Substance	CAS	Exempt	Weight	Unit of Measure	
Coupling Gel	4.18236	mg	Supplier	Dimethyl Cyclosiloxanes	69430-24-6		0.046	mg
			Supplier	Trimethoxy(methyl)silane (C4H12O3Si)	1185-55-3		4.1364	mg
Die	4.043	mg	В	Gallium Arsenide (AsGa)	1303-00-0		0.283	mg
			Supplier	Silicon (Si)	7440-21-3		3.76	mg
Die Attach	0.754	mg	Supplier	Silver (Ag)	7440-22-4		0.6032	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.1508	mg
Lead Frame	59.197	mg	Supplier	Silver (Ag)	7440-22-4		0.148	mg
			Supplier	Zinc (Zn)	7440-66-6		0.071	mg
			Supplier	Iron (Fe)	7439-89-6		1.36	mg
			Supplier	Copper (Cu)	7440-50-8		57.6	mg
			Supplier	Phosphorus (P)	7723-14-0		0.018	mg
Mold Compound-White	98.06	mg	Supplier	2,6-dibromo-4-[1-(3-bromo-4-hydroxyphenyl)-1-methylethyl]phenol	6386-73-8		3.92	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		23.5	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		2.94	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		67.7	mg
Plating	2.1	mg	Supplier	Tin (Sn)	7440-31-5		2.1	mg
Wire Bond - Au	0.25	mg	Supplier	Gold (Au)	7440-57-5		0.25	mg