ASSOCIATION CONNECTION ELECTRONICS INDUSTRIE	Material Compo © Copyright 2005. IP international and Pan-	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 Mater					erials and l	ials and Mfg Information			
upplier Inforn	nation														
Company name*			Company unique ID			J	Unique ID Authority					Response Date*			
onsemi											2023-0	2023-06-08			
Contact Name		Title - Contact			I	Phone - Contact*				Email	Email - Contact*				
Product-Env-Stew	ards		Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com			
uthorized Repres	entative*	Title - Representative			I	Phone - Representative*				Email	Email - Representative*				
Product-Env-Stew	ards	Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com				
Request	Requester Item Number Mfr Ite		em Number Mfr Item Name				Effective Date	e Versi	ion	Manufacturing Site		Weight*	UOM	Unit Type	
		MC10H1	MC10H125FNR2G BBG ECL TRNSLAT		ATR QUAD		2023-06-08		PH1			670.0	mg	Each	
Ianufacturing	Process Informat	ion													
Terminal Plating / Grid Array Material T			Terminal Base Alloy J-STD-020 MS		SL Rating	Peak Process Body Temp		y Temperatu			ature Num	ber of Reflow Cyc	eles		
Matte Tin (Sn) - annealed			CU Alloy 3				260 C 30			seco	seconds 3				
omments															
TTENTION: MS	L 3 Rated item requires	Bake and D	ry Pack (afte	r electrical test)											
or more informati	ion regarding material o	composition	please refer t	o 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 (DBP), Dibutyl phthalate (DBP), Dibutyl phthalate (DBP).											
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 paragraph. If the Company and the 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 have not independently verified 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 p											
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	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	1.99	mg	Supplier	Silicon (Si)	7440-21-3		1.99	mg
Die Attach	10.81	mg	Supplier	Silver (Ag)	7440-22-4		8.1075	mg
			Supplier	Epoxy resins	129915-35-1		2.7025	mg
Lead Frame	169.28		Supplier	Silver (Ag)	7440-22-4		1.5235	mg
			Supplier	Zinc (Zn)	7440-66-6		0.3386	mg
			Supplier	Iron (Fe)	7439-89-6		4.4013	mg
			Supplier	Copper (Cu)	7440-50-8		163.0166	mg
Mold Compound-Black	473.02	mg		Epoxy resin	proprietary data		23.651	mg
			Supplier	Phenolic Resin	Proprietary Data		23.651	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		9.4604	mg
			Supplier	Carbon Black (C)	1333-86-4		2.3651	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		413.8925	mg
Plating	14.11	mg	Supplier	Tin (Sn)	7440-31-5		14.11	mg
Wire Bond - Au	0.79	mg	Supplier	Gold (Au)	7440-57-5		0.79	mg