IPC ASSOCIATION ELECTRONIC	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved international and Pan-American copyright conventions.			all rights reserved un	nder both	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.										
1752-21.1					Form Type Distribute	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					ials and Mfg Information					
Supplier	r Information															
Company name* Company unique				ique ID	ue ID Uniqu			Unique ID Authority					Response Date*			
onsemi												2023-06-08				
Contact N	ame	Title - Contact]	Phone - Contact*				Email - Contact*						
Product-I	Env-Stewards		Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
Authorize	d Representative*	Title - Representative]	Phone - Representative*				Email - Representative*						
Product-I	Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com						
	Requester Item Number Mfr Item		Number Mfr Item Name				Effective Date Version N		Manufa	Manufacturing Site		Weight*	UOM	Unit Type		
		FAN4149M6X GFI controller		GFI controller			2023-06-08		TAD	TAD		17.874	mg	Each		
Manufa	cturing Proccess Informa	tion								,				·		
	Terminal Plating / Grid Array Ma	Terminal Base Alloy J-STD-020 MSI		L Rating	Peak Process Body Tempera		ature Ma	ture Max Time at Peak Tempo		ture Nu	mber of Reflow (Cycles				
	Matte Tin (Sn) - annealed C			U Alloy 1			260		C 30			seconds 3				
Comments																
evel 1 - m	aximum time at peak temperatu	re during sol	dering is 10-3	0 seconds												
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		ium (Cr6+), Polybrominated Biphenyls (PB)	erial for Cadmium and quantity limit of 0.1% b B), Polybrominated Diphenyl Ethers (PBDE), a						
cadmium, hexavalentchromium, polybromin contains a RoHS restricted substance inexce encompass all such components. Supplier cet as of the date that Supplier completes this Company acknowledges that Supplier may hindependently verified information provided certification in this paragraph. If the Compan	nated biphenyls and/or polybrominated diphess of an applicable quantity limit, please indriffes that it gathered the information it provom. Supplier acknowledges that Company wave relied on informationprovided by others of the supplier agrees that, at a minimusy and the Supplier enter into a written agree yesource of the Supplier's liability and the C	enyl ethers (each a "RoHS restricted substan licate below which, if any, RoHS exemption vides in this form using appropriate methods vill rely on this certification in determining the s in completing this form, and that Supplier um, itssuppliers have provided certifications ement with respect to the identified part, the tompany's remedies for issues that arise rega	s of the European Union member states) of the ce") in excess of the applicable quantity limit is you believe may apply. If the part is an assemb to ensure its accuracy and that such informatio e compliance of its products with European Ur may not have independently verified such infor regarding their contributions to the part, and the erms and conditions of that agreement, including information the Supplier provides in this	dentified above. If a ally with lower level in is true and correct tion member state la mation. However, in ose certifications are ag any warranty righ	homogeneous material within the part components, the declaration shall to the best of its knowledge and belief, was that implement the RoHS Directive. In situations where Supplier has not the at least as comprehensive as the lats and/or remedies provided as part of				
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	0.779	mg	Supplier	Silicon (Si)	7440-21-3		0.779	mg
Die Attach	0.099	mg	Supplier	Silver (Ag)	7440-22-4		0.0792	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.0198	mg
Lead Frame	8.252	mg	Supplier	Silver (Ag)	7440-22-4		0.022	mg
			Supplier	Zinc (Zn)	7440-66-6		0.01	mg
			Supplier	Iron (Fe)	7439-89-6		0.198	mg
			Supplier	Copper (Cu)	7440-50-8		8.0201	mg
			Supplier	Phosphorus (P)	7723-14-0		0.002	mg
Mold Compound-Black	7.588	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		1.9	mg
			Supplier	Carbon Black (C)	1333-86-4		0.038	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		5.65	mg
Plating	1.13	mg	Supplier	Tin (Sn)	7440-31-5		1.13	mg
Wire Bond - Au	0.026	mg	Supplier	Gold (Au)	7440-57-5		0.026	mg