IPC ASSOCIATION CO ELECTRONICS IN	© Copyright 2005. I	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.		under both			on of the substance compasses all lov							
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					ials and Mfg Information			
upplier I	nformation													
Company name*			Company ur	Company unique ID			Unique ID Authority				Response Date*			
ısemi											2023-06-08			
ontact Nam	ne	Title - Conta	Title - Contact			Phone - Contact*				Email - Contact*				
roduct-Env	v-Stewards	Product Enviro Compliance			1	NA			Prod	Product-Env-Stewards@onsemi.com				
uthorized R	Representative*	Title - Repre	Title - Representative			Phone - Representative*			Email	Email - Representative*				
Product-Env-Stewards Product En				t Enviro Compliance			NA			Prod	Product-Env-Stewards@onsemi.com			
R	Requester Item Number	Mfr Iten	n Number	Mfr Item Name			Effective Date	Version	Manufacturing Site		Weight*	UOM	Unit Type	
		LC87F76C8AU- FROM128KB,RAM4KB,T		AM4KB,TQFP8	0LCD	2023-06-08		РНМ		370.0	mg	Each		
lanufactu	uring Proccess Informa	tion												
Те	Terminal Plating / Grid Array Material To		Terminal Base Alloy J-STD-020 MSI		_ Rating	Peak Process Body Temperature Max Time at P		t Peak Temper	ature Numb	er of Reflow Cy	cles			
contains Bi		CU Alloy 4		4		260	60 C		30 sec					

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 at it in 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 applicable exemptions.	contain RoHS restricted substances per t	he definition above except for defined Rol	IS exemptions, then select the corresponding	response in the R	oHS Declaration above and choose all
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	6.74	mg	Supplier	Silicon (Si)	7440-21-3		6.6982	mg
			Supplier	Polyimide	Proprietary Data		0.0418	mg
Die Attach	1.63	mg	Supplier	Silver (Ag)	7440-22-4		1.1573	mg
			Supplier	Epoxy resins	129915-35-1		0.4727	mg
Lead Frame	150.79	mg	Supplier	Silver (Ag)	7440-22-4		0.7841	mg
			Supplier	Tin (Sn)	7440-31-5		0.3921	mg
			Supplier	Zinc (Zn)	7440-66-6		0.377	mg
			Supplier	Chromium (Cr)	7440-47-3		0.4071	mg
			Supplier	Copper (Cu)	7440-50-8		148.8297	mg
Mold Compound-Black	206.82	mg		Organic Phosphorus compound	proprietary data		2.8955	mg
			Supplier	Epoxy Phenol Resin	Proprietary Data		16.9592	mg
			Supplier	Carbon Black (C)	1333-86-4		0.4136	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		186.5516	mg
Plating	0.5	mg	В	Bismuth (Bi)	7440-69-9		0.003	mg
			Supplier	Tin (Sn)	7440-31-5		0.497	mg
Wire Bond - Au	3.52	mg	Supplier	Gold (Au)	7440-57-5		3.52	mg