	international and Pa	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.			nder both	This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with low level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.								
52-21.1		IPC Web Site for Information on IPC-1752 Standard Form Typhttp://www.ipc.org/IPC-175x Distribute				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater				aterials and	ials and Mfg Information			
upplier l	Information													
Company name*			Company unique ID			Į	Unique ID Authority				Response Date*			
semi										2023-06-08				
ontact Nar	ne	Title - Contact			F	Phone - Contact*				Email - Contact*				
roduct-En	v-Stewards		Product Enviro Compliance			1	NA				Product-Env-Stewards@onsemi.com			
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roduct-En	v-Stewards	Product Enviro Compliance]	NA			Prod	Product-Env-Stewards@onsemi.com				
I	Requester Item Number	Mfr Item	n Number	Mfr Item Name			Effective Date	Version	Manufacturing Sit	Manufacturing Site		UOM	Unit Type	
	FSBB300		CH60F	H60F SPM3V_V2 INV 600V 30A Ts			2023-06-08		СРА		15261.347	mg	Each	
	uring Process Informa			A 11	CTD 020 MGI	D. C	D 1 D	D 1 T) 1 T	. 37 1	CD CL C		
8				-STD-020 MSL	Rating	Peak Process Body Temperature Max Time at 0 C 30				cles				
	Matte Tin (Sn) - annealed		CU Alloy	N	NA		0		30	sec	onds 3			
omments														
·	formation regarding material	• • • • • • • • • • • • • • • • • • • •	.1											

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 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 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 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 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	67.7	mg	Supplier	Supplier Silicon (Si)			67.7	mg
Die Attach	31.4	mg	Supplier	Silver (Ag)	7440-22-4		0.785	mg
			Supplier	Tin (Sn)	7440-31-5		29.045	mg
			Supplier	Copper (Cu)	7440-50-8		1.57	mg
Die Attach2	0.163	mg	Supplier	Poly(oxypropylene)diamine	9046-10-0		0.0049	mg
			Supplier	Miscellaneous	Trade Secret		0.0082	mg
			Supplier	Silver (Ag)	7440-22-4		0.1386	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0114	mg
Heat Sink	1880.0	mg	Supplier	Aluminum (Al)	7429-90-5		1880	mg
Lead Frame	3026.94	mg	Supplier	Silver (Ag)	7440-22-4		0.0303	mg
			Supplier	Iron (Fe)	7439-89-6		3.0269	mg
			Supplier	Copper (Cu)	7440-50-8		3022.9746	mg
			Supplier	Phosphorus (P)	7723-14-0		0.9081	mg
Mold Compound-Black	10122.0	mg	Supplier	2,6-dibromo-4-[1-(3-bromo-4-hydroxyphenyl)-1-methylethyl]phenol	6386-73-8		303.66	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		2024.4	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		253.05	mg
			Supplier	Carbon Black (C)	1333-86-4		101.22	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		7439.6699	mg
Plating	113.724	mg	Supplier	Tin (Sn)	7440-31-5		113.724	mg
Wire Bond - Al	18.3	mg	Supplier	Aluminum (Al)	7429-90-5		18.3	mg
Wire Bond - Au	1.12	mg	Supplier	Gold (Au)	7440-57-5		1.12	mg