ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INCLUSTRIES	<b>nposition De</b> 5. IPC, Bannockt Pan-American co	<b>claration</b> ourn, Illinois. A opyright conve	All rights reserved u ntions.	nder both	This docume level parts, t	ent is a declaration entities the declaration entities and the declaration entities and the declaration entities and the declaration entities are also been as the declaration entities are also been	on of the substancompasses all l	aces within the ma ower level materia	anufacturer li als for which	sted item. Note: the manufacture	if the item is an as r has engineering	ssembly with low responsibility.	
	IPC Web Site for Information on IPC-1752 Standard       Form T         http://www.ipc.org/IPC-175x       Distribution				<ul> <li>Declaration Class *</li> <li>Class 6 - RoHS Yes/No, Homogeneous Materi</li> </ul>				is Materials a	ials and Mfg Information			
upplier Information													
ompany name*	Company unique ID			1	Unique ID Authority				Response Date*				
nsemi									2022-02-10				
Contact Name T			Title - Contact			Phone - Contact*				Email - Contact*			
Product-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Authorized Representative*			Title - Representative			Phone - Representative*			En	Email - Representative*			
roduct-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Iten	Number	Mfr Item Name			Effective Date	Version	Manufacturing	Manufacturing Site		UOM	Unit Type	
	FCH041	FCH041N60F SF2 600V		42mOhm F TO247		2022-02-10		CP8		5456.725	mg	Each	
Ianufacturing Proccess Infor	nation											·	
Terminal Plating / Grid Array	Terminal Plating / Grid Array Material Terminal Ba		Alloy J-STD-020 MSL F		L Rating	Peak Proce	Process Body Temperature		e at Peak Ten	nperature Num	ber of Reflow Cy	cles	
Matte Tin (Sn) - annealed		CU Alloy NA			0	0 C			seconds 3				
omments													
or more information regarding mate	rial composition	please refer to	o page 3										

RoHS Material Composition Declaration				Declaration Type *	Detailed					
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).									
cadmium, hexavalentchromium, polybromina contains a RoHS restricted substance inexces encompass all such components. Supplier cer as of the date that Supplier completes this for Company acknowledges that Supplier may h independently verified information provided certification in this paragraph. If the Company	ated biphenyls and/or polybrominated dip s of an applicable quantity limit, please in ifies that it gathered the information it pr m.Supplier acknowledges that Company ave relied on informationprovided by oth by others, Supplier agrees that, at a minir and the Supplier enter into a written agr esource of the Supplier's liability and the	henyl ethers (each a "RoHS restricted substa ndicate below which, if any, RoHS exemption ovides in this form using appropriate methoo will rely on this certification in determining ers in completing this form, and that Supplie num, itssuppliers have provided certification eement with respect to the identified part, the Company's remedies for issues that arise reg	nce") in exco n you believe ls to ensure i the compliar r may not ha s regarding t terms and co	e may apply. If the part is an assembly with low s accuracy and that such information is true an ce of its products with European Union member de independently verified such information. Ho neir contributions to the part, and those certifica	ove. If a homogeneous material within the part er level components, the declaration shall d correct to the best of its knowledge and belief, er state laws that implement the RoHS Directive. wever, in situations where Supplier has not ations are at least as comprehensive as the anty rights and/or remedies provided as part of					
RoHS Declaration * 4 - Item(	s) does not contain RoHS restricted subst	ances per the definition above except for sele	ected exempt	ions Supplier Acceptance	* Accepted					
Exemption: 7a: Lead in high melting temp	erature type solders (i.e. lead based sol	der alloys containing 85% by weight or m	ore lead).							
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required Requester) and click on Submit Form to h			e drop-dowi	a. This will display the signature area. Digita	lly sign the declaration (if required by the					
Supplier Digital Signature	astislav Drska	Le								

## 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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	32.0	mg	Supplier	Silicon (Si)	7440-21-3		32	mg
Die Attach Solder	35.025	mg	Supplier	Silver (Ag)	7440-22-4		0.8756	mg
			А	Lead (Pb)	7439-92-1	7a	32.3981	mg
			Supplier	Tin (Sn)	7440-31-5		1.7512	mg
Lead Frame	3612.9	mg	Supplier	Zinc (Zn)	7440-66-6		1.75	mg
			В	Nickel (Ni)	7440-02-0		117.9998	mg
			Supplier	Iron (Fe)	7439-89-6		2.1	mg
			Supplier	Copper (Cu)	7440-50-8		3489.9998	mg
			Supplier	Phosphorus (P)	7723-14-0		1.05	mg
Mold Compound-Black	1739.8	mg	Supplier	Polymer(phenyl glycidil ether)-co- dicyclopentadiene	119345-05-0		86.99	mg
			Supplier	Proprietary	Proprietary Data		86.99	mg
			Supplier	Carbon Black (C)	1333-86-4		8.699	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		78.291	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		1304.8501	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		86.99	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		86.99	mg
Plating	31.0	mg	Supplier	Tin (Sn)	7440-31-5		31	mg
Wire Bond - Al	6.0	mg	Supplier	Aluminum (Al)	7429-90-5		6	mg