ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES INDUSTRIES	Omposition De 005. IPC, Bannockt 1d Pan-American co	c laration ourn, Illinois. A opyright conve	All rights reserved untions.	under both	This docume level parts, tl	ent is a declaration er	on of the substance acompasses all lo	es within the man wer level materials	ufacturer liste s for which the	d item. Note: if e manufacturer	the item is an as has engineering	ssembly with low responsibility.	
[Form Type Distribute	e * Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				Materials and	als and Mfg Information			
upplier Information													
ompany name*	Company unique ID			τ	Unique ID Authority				Response Date*				
nsemi									2023-06-08				
Contact Name Ti			Title - Contact			Phone - Contact*				Email - Contact*			
Product-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Authorized Representative*			Title - Representative			Phone - Representative*			Emai	Email - Representative*			
roduct-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Requester Item Number			Number Mfr Item Name			Effective Date	Version	Manufacturing S	Site	Weight*	UOM	Unit Type	
	FSGM05	FSGM0565RUDTU Green Mode FPS				2023-06-08		РВВ		2239.009	mg	Each	
Ianufacturing Proccess Info	rmation												
Terminal Plating / Grid Arr	Terminal Plating / Grid Array Material Term		rminal Base Alloy J-STD-020 MSI		L Rating	Peak Process Body Temperatur		ture Max Time a	t Peak Tempe	erature Numbe	er of Reflow Cy	cles	
Matte Tin (Sn) - annealed		CU Alloy NA		NA		0 C		30	sec	conds 3			
omments													
or more information regarding mat	erial composition	please refer to	o page 3										

RoHS Material Composition Declaration				Declaration Type *	Detailed						
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	(Pb), Mercury (Hg), Hexavalent Chro	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), 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 knowledges 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 informationprovided by others in completing this form, and that Supplier may not have independently verified information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, itssuppliers 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 rot a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of hat agreement, will be the sole and exclusivesource of the Supplier's Iiability and the Company's remedies for issues that arise regarding information the Supplier provides in this form. In the absence of such written agreement, the warranty rights and/or remedies o											
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	9.8	mg	Supplier	Silicon (Si)	7440-21-3		9.8	mg
Die Attach Epoxy	0.254	mg	Supplier	Poly(oxypropylene)diamine	9046-10-0		0.0076	mg
			Supplier	Miscellaneous	Trade Secret		0.0127	mg
			Supplier	Silver (Ag)	7440-22-4		0.2159	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0178	mg
Die Attach Solder	3.061	mg	Supplier	Silver (Ag)	7440-22-4		0.0765	mg
			А	Lead (Pb)	7439-92-1	7a	2.8314	mg
			Supplier	Tin (Sn)	7440-31-5		0.1531	mg
Lead Frame	1264.59	mg	Supplier	Silver (Ag)	7440-22-4		2.91	mg
			Supplier	Tin (Sn)	7440-31-5		1.55	mg
			Supplier	Copper (Cu)	7440-50-8		1260.0045	mg
			Supplier	Phosphorus (P)	7723-14-0		0.1255	mg
Mold Compound-Black	950.0	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		114	mg
			Supplier	Carbon Black (C)	1333-86-4		4.75	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		831.25	mg
Plating	11.0	mg	Supplier	Tin (Sn)	7440-31-5		11	mg
Wire Bond - Cu	0.304	mg	Supplier	Copper (Cu)	7440-50-8		0.304	mg

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).