ASSOCIATION CONNECTING ELECTROMICS INDUSTRIES® International and Pan-An	Bannockbu	rn, Illinois, A	ll rights reserved utions.	under 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 an entities are an entities and the declaration entities are an entit	on of the su	ibstances v s all lower	vithin the manufacture level materials for v	urer listed which the	item. Note manufactur	: if the item is an as rer has engineering	sembly with low responsibility.	
				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Material					rials and M	ls and Mfg Information			
upplier Information														
Company name* Company uniqu			que ID t			Unique ID Authority				Respo	Response Date*			
onsemi										2023-0	2023-06-08			
Contact Name	act Name Title - Contact					Phone - Contact*				Email	Email - Contact*			
Product-Env-Stewards Product Enviro Com			ro Compliance	Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Representat			entative		Phone - Representative*			Email	Email - Representative*					
Product-Env-Stewards Product En			et Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item Number		Mfr Item Name			Effective Date	Version	М	Manufacturing Site		Weight*	UOM	Unit Type	
	SMF05CT	SMF05CT1G MI SC88 Z/R PNT		ITA ARRAY TR	R	2023-06-08		М	MY1		6.2	mg	Each	
Ianufacturing Proccess Information	1					·		İ						
Terminal Plating / Grid Array Materia	1 Terminal Base Alloy J-S			J-STD-020 MSL	Rating	Peak Process Body Temperature Max Tim			Max Time at Pea	eak Temperature Number of Reflow Cycles				
Matte Tin (Sn) - annealed CU Alloy			1		260		С	30	seco	onds 3				
omments														
vel 1 - maximum time at peak temperature d	luring sold	lering is 10-3	0 seconds											
or more information regarding material com	position p	lease refer to	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), Dibutyl phthalate (DBP), Dibutyl phthalate (DBP), Dibutyl phthalate (DBP).											
cadmium, hexavalentchromium, polybrominate contains a RoHS restricted substance inexcess encompass all such components. Supplier certif as of the date that Supplier completes this form Company acknowledges that Supplier may hav independently verified information provided by certification in this paragraph. If the Company a	ed biphenyls and/or polybrominated dip of an applicable quantity limit, please ir ies that it gathered the information it pro- .Supplier acknowledges that Company e relied on informationprovided by othe y others, Supplier agrees that, at a minin and the Supplier enter into a written agre pource of the Supplier's liability and the	henyl ethers (each a " ndicate below which, i ovides in this form us will rely on this certifiers in completing this num, itssuppliers have eement with respect to Company's remedies	RoHS restricted substance") in exce if any, RoHS exemption you believe ing appropriate methods to ensure if ication in determining the complian form, and that Supplier may not have e provided certifications regarding the to the identified part, the terms and co for issues that arise regarding inform	ce of its products with European Union membe	ove. If a homogeneous material within the part er level components, the declaration shall l correct to the best of its knowledge and belief, r state laws that implement the RoHS Directive. wever, in situations where Supplier has not tions are at least as comprehensive as the anty rights and/or remedies provided as part of							
RoHS Declaration * 1 - Item(s)	does not contain RoHS restricted substa	on above	Supplier Acceptance	* Accepted								
Exemption: If the declared item does not con applicable exemptions.	ntain RoHS restricted substances per	the definition above	except for defined RoHS exempti	ons, then select the corresponding response i	n the RoHS Declaration above and choose all							
Exemption List Version	EL-2011/534/EU											
Declaration Signature												
Instructions: Complete all of the required fin Requester) and click on Submit Form to have	elds on all pages of this form. Select the form returned to the Requester	he "Accepted" on th	e Supplier Acceptance drop-down	. This will display the signature area. Digital	lly sign the declaration (if required by the							
Supplier Digital Signature Ra	stislav 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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	0.19	mg	Supplier	Silicon (Si)	7440-21-3		0.19	mg	
Die Attach	0.12	mg	Supplier	Silver (Ag)	7440-22-4		0.09	mg	
			Supplier	Epoxy resins	129915-35-1		0.03	mg	
Lead Frame	1.92	mg	Supplier	Silver (Ag)	7440-22-4		0.0154	mg	
			Supplier	Zinc (Zn)	7440-66-6		0.0019	mg	
			Supplier	Iron (Fe)	7439-89-6		0.0499	mg	
			Supplier	Copper (Cu)	7440-50-8		1.8528	mg	
Mold Compound-Black	3.9	mg		Epoxy resin	proprietary data		0.195	mg	
			Supplier	Phenolic Resin	Proprietary Data		0.195	mg	
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.078	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.0195	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		3.4125	mg	
Plating	0.05	mg	Supplier	Tin (Sn)	7440-31-5		0.05	mg	
Wire Bond - Au	0.02	mg	Supplier	Gold (Au)	7440-57-5		0.02	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