ASDOCIATION CONNECTING ELECTRONICE INDUSTRIES® INCLUSTRIES®	burn. Illinois. A	ll rights reserved u utions.	nder both	This docume level parts, t	ent is a declara he declaration	ion of the s encompasse	ubstances es all lowe	within the manufact er level materials for	turer listed which the	l item. Note manufactu	e: if the item is an a arer has engineering	assembly with lower g responsibility.	
IPC Web Site for Information on http://www.ipc.org/IPC-175x	.1 IPC Web Site for Information on IPC-1752 Standard Form Ty Distribut			Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					erials and	als and Mfg Information			
Supplier Information													
Company name* Company unique ID				Unique ID Authority					Response Date*				
onsemi	mi								2023-0	2023-06-08			
Contact Name	Title - Contact			1	Phone - Contact*				Email	Email - Contact*			
duct-Env-Stewards Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com				
uthorized Representative* Title - Representative				Phone - Representative*				Email	Email - Representative*				
Product-Env-Stewards Product Enviro Compli			Compliance		NA			Produ	Product-Env-Stewards@onsemi.com				
Requester Item Number Mfr Iter	n Number	Mfr Item Name		·	Effective Date	e Version		Manufacturing Site		Weight*	UOM	Unit Type	
SZSMF	05T2G SC-88A5 EUT S D		DS CPR PFH		2023-06-08			CN1		6.2	mg	Each	
Manufacturing Proccess Information											L		
Terminal Plating / Grid Array Material	Terminal Base Alloy J-S		-STD-020 MSL	Rating	Peak Process Body Temper		'emperatu	ture Max Time at Peak Tem		ature Nu	mber of Reflow Cy	vcles	
Matte Tin (Sn) - annealed CU Alloy		L		260		С	30	sec	onds 3				
Comments													
evel 1 - maximum time at peak temperature during s	dering is 10-3	0 seconds											
For more information regarding material composition	please 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), Diisobutyl phthalate (DIBP).									
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 v 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.

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
Lead Frame 2	2.04	mg	В	Nickel (Ni)	7440-02-0		0.7813	mg
			Supplier	Iron (Fe)	7439-89-6		1.0792	mg
			Supplier	Copper (Cu)	7440-50-8		0.1795	mg
Mold Compound-Black 3.9	3.9	mg	Supplier	Boron zinc hydroxide oxide	138265-88-0		0.117	mg
			Supplier	Zinc Monoxide (ZnO)	1314-13-2		0.0195	mg
			Supplier	2,4,6-triamino-1,3,5-triazine isocyanuric acid	37640-57-6		0.117	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		3.12	mg
			Supplier	Carbon Black (C)	1333-86-4		0.039	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		0.312	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.1755	mg
Plating	0.05	mg	Supplier	Tin (Sn)	7440-31-5		0.05	mg
Wire Bond - Cu	0.02	mg	Supplier	Copper (Cu)	7440-50-8		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 (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 signa range of distribution unless otherwise noted).