ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INCLUSTRIES®	. Bannockh	ourn, Illinois, A	ll rights reserved untions.	under both	This docume level parts, t	ent is a declarati the declaration e	on of the su	ibstances v s all lower	within the manufacture level materials for w	urer listed which the	item. Note: manufacture	if the item is an as er has engineering	sembly with low responsibility.	
				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				rials and N	als and Mfg Information				
upplier Information														
Company name* Com			Company unique ID			Unique ID Authority				Respon	Response Date*			
onsemi										2023-0	2023-06-08			
tact Name Title - Contact					Phone - Contact*				Email	Email - Contact*				
Product-Env-Stewards Product Enviro			ro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Represent			sentative			Phone - Representative*			Email	Email - Representative*				
Product-Env-Stewards Prod			Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item Number		Mfr Item Name			Effective Date	ve Date Version Manufacturing Site		Ianufacturing Site		Weight*	UOM	Unit Type	
	SMS12C	MS12CT1G MI TSOP6 Z/R PN		NTA ARRAY		2023-06-08		M	MY1		13.43	mg	Each	
Anufacturing Proccess Information	on													
Terminal Plating / Grid Array Mate	rial T	al Terminal Base Alloy J-		J-STD-020 MSI	L Rating	Peak Process Body		ly Temperature Max Time at Peak		k Tempera	ture Num	ber of Reflow Cyc	eles	
Matte Tin (Sn) - annealed CU Alloy		CU Alloy		1		260		С	30	seco	nds 3			
omments														
vel 1 - maximum time at peak temperature	e during sol	dering is 10-3	0 seconds											
or more information regarding material co	mposition	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 ohthalate (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 cc 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	ances per the definitio	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.

Substance Instructions: [A] select select a RoHS exemption, if applie sigma range of distribution unless	cable [E] enter the weigh	, Requester or Supplier) [B tt of the substance or the P]] select the substa PM concentration	ance category (JIG or Requester) or enter [F] Optionally enter the positive (+) ar	er a value (Supplier). [C] selec ad negative (-) tolerance in per	et the substance (JI cent (Note: percer	G) or enter the substa t tolerance values are	nce and CAS (Other). [D] expected to cover a 3
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.67	mg	Supplier	Silicon (Si)	7440-21-3		0.67	mg
Die Attach	0.15	mg	Supplier	Silver (Ag)	7440-22-4		0.1125	mg
			Supplier	Epoxy resins	129915-35-1		0.0375	mg
Lead Frame	2.4	mg	В	Nickel (Ni)	7440-02-0		0.9192	mg
			Supplier	Iron (Fe)	7439-89-6		1.2696	mg
			Supplier	Copper (Cu)	7440-50-8		0.2112	mg
Mold Compound-Black	10.0	mg		Epoxy Phenol Resin	proprietary data		1.05	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		8.95	mg
Plating	0.13	mg	Supplier	Tin (Sn)	7440-31-5		0.13	mg
Wire Bond - Au	0.08	mg	Supplier	Gold (Au)	7440-57-5		0.08	mg