ABBOCIATION CONNECTING ELECTRONICS INDUSTRIES® INTERNATIONAL OF THE CONTROL OF TH	nnockburn, Illinois. A	ll rights reserved un ntions.	nder both	This docume level parts, t	ent is a declara he declaration	ation of the s	substances es all lowe	within the manufact r level materials for	urer listed which the	item. No manufact	ote: if the turer has	item is an ass engineering r	embly with lower esponsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute			*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials					s and Mfg Information				
Supplier Information														
Company name* Company unique ID				Unique ID Authority					Respon	Response Date*				
onsemi					2023-06-08									
Contact Name	Dontact Name Title - Contact]	Phone - Contact*				Email ·	Email - Contact*				
Product-Env-Stewards Product Enviro Compliance					NA				Produ	Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Representative]	Phone - Representative*				Email ·	Email - Representative*				
Product-Env-Stewards	Product Envi	t Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com				
Requester Item Number M	fr Item Number Mfr Item Nat		me		Effective Da	te Version	. 1	Manufacturing Site		Weight*	*	UOM	Unit Type	
A	X-SFUS-1-01-TX30	FUS-1-01-TX30 RF-Microcontroller			2023-06-08	023-06-08 PHG			87.9		mg	Each		
Manufacturing Proccess Information		1				I	1			1			-	
Terminal Plating / Grid Array Material	Terminal Base	erminal Base Alloy J		L Rating	Peak Pro	ak Process Body Temperature Max Time at Pea		ık Tempera	Temperature Number of		Reflow Cycl	es		
Precious metal (e.g. Ag,Au, NiPdAu) (Sn)	Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)				260		C	30		seconds 3				
Comments							• 	· · · · · · · · · · · · · · · · · · ·						
evel 1 - maximum time at peak temperature du	ing soldering is 10-3	0 seconds												
or more information regarding material compo	sition 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), Disobutyl 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 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 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	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).									
omogeneous Material Weight Unit of Measure		Level	Substance	CAS	Exempt	Weight	Unit of Measure		
Die	8.0	mg	Supplier	Silicon (Si)	7440-21-3		8	mg	
Die Attach 1	1.25	mg	Supplier	Epoxized Condensate Of Para- Hydrobenzaldehyde And Alkyl Phenol	129915-35-1		0.25	mg	
			Supplier	Silver (Ag)	7440-22-4		1	mg	
Lead Frame 5	50.35	mg	Supplier	Silver (Ag)	7440-22-4		1.3594	mg	
			Supplier	Tin (Sn)	7440-31-5		0.1208	mg	
			Supplier	Zinc (Zn)	7440-66-6		0.0957	mg	
			Supplier	Chromium (Cr)	7440-47-3		0.146	mg	
			Supplier	Copper (Cu)	7440-50-8		48.628	mg	
Mold Compound-Black	26.0	mg		Epoxy Phenol Resin	proprietary data		2.73	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		23.27	mg	
Plating	1.8	mg	Supplier	Palladium (Pd)	7440-05-3		0.0432	mg	
			В	Nickel (Ni)	7440-02-0		1.584	mg	
			Supplier	Gold (Au)	7440-57-5		0.1728	mg	
Wire Bond - Au	0.5	mg	Supplier	Gold (Au)	7440-57-5		0.5	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).