ABBOCIATION CONNECTING ELECTRONICS INDUSTRIES® INTERNATIONAL OF THE CONTROL OF TH	nnockburn, Illinois. A	All rights reserved untions.	under both	This docume level parts, t	ent is a declara he declaration	ation of the su encompasse	ubstances s all lower	within the manufactur level materials for w	rer listed it hich the m	em. Note: i anufacture	if the item is an as r has engineering	sembly with lower responsibility.	
	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 Mater					als and Mfg Information			
Supplier Information													
npany name* Company unique ID				Unique ID Authority					Response Date*				
onsemi	semi				2023-06-08								
Contact Name	ntact Name Title - Contact]	Phone - Contact*				Email - Contact*				
Product-Env-Stewards Product Enviro Compliance					NA				Product-Env-Stewards@onsemi.com				
uthorized Representative* Title - Representative]	Phone - Representative*				Email - Representative*				
Product-Env-Stewards	Product Env	duct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Number M	Mfr Item Number Mfr Item N		iem Name		Effective Da	te Version	Ν	Manufacturing Site		Veight*	UOM	Unit Type	
А	X5243-1-TW30	5243-1-TW30 Radio Transceiver			2023-06-08		F	PHG		2.75	mg	Each	
Manufacturing Proccess Information						1							
Terminal Plating / Grid Array Material	Terminal Base	Ferminal Base Alloy		L Rating	Peak Pro	Process Body Temperature Max Time at Peak		Temperature Number of Reflow Cycles		les			
Precious metal (e.g. Ag,Au, NiPdAu) Sn)	Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		1			260 C		30	secon	nds 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	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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	it of Measure Level Substance		CAS	Exempt	Weight	Unit of Measure	
Die	1.9	mg	Supplier	Silicon (Si)	7440-21-3		1.9	mg	
Die Attach	0.58	mg	Supplier	Epoxized Condensate Of Para- Hydrobenzaldehyde And Alkyl Phenol	129915-35-1		0.116	mg	
			Supplier	Silver (Ag)	7440-22-4		0.464	mg	
Lead Frame	16.1	mg	Supplier	Silver (Ag)	7440-22-4		0.322	mg	
			Supplier	Iron (Fe)	7439-89-6		0.3542	mg	
			Supplier	Copper (Cu)	7440-50-8		15.4238	mg	
Mold Compound-Black	22.31	mg	Supplier	Epoxy and Phenolic Resin	40216-08-8		1.7848	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.1115	mg	
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.4462	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		19.2981	mg	
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.6693	mg	
Plating	1.58	mg	Supplier	Tin (Sn)	7440-31-5		1.58	mg	
Wire Bond - Au	0.28	mg	Supplier	Gold (Au)	7440-57-5		0.28	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 signa range of distribution unless otherwise noted).