© Cor	erial Compositi byright 2005. IPC, E ational and Pan-Am	Bannockbu	urn, Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a decla he declaratio	tration of on encon	of the substar mpasses all l	nces wit lower le	thin the manufactur	er listed it hich the m	em. Not anufactu	e: if the i urer has o	item is an asso engineering re	embly with lowe sponsibility.
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				e *	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					als and Mi	fg Inform	nation			
Supplier Information																
Company name*			Company unique ID			Unique ID Authority					Response Date*					
On Semiconductor												2021-02-03				
Contact Name			Title - Contact				Phone - Contact*					Email - Contact*				
Product-Env-Stewards			Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com					
Authorized Representative*			Title - Representative			Phone - Representative*				Email - Representative*						
Product-Env-Stewards			Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com					
Requester Item N	Requester Item Number Mfr Item		Number Mfr Item Name				Effective D	ctive Date Version Manufacturing Site		١	Weight*		UOM	Unit Type		
	AX8052F143-3-TX40		RF-Microcontroller 4KU reel			2021-02-03	3		PHO	PHG		57.9		mg	Each	
Manufacturing Procce	ss Information															
Terminal Plating /	Terminal Plating / Grid Array Material		erminal Base A	nal Base Alloy J-STD		L Rating	Peak P	ak Process Body Temperatur		erature	are Max Time at Peak Temper		ature Number of Reflow Cycles		s	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)) (no C	CU Alloy 1		1		260		С		30 seco		onds 3			
Comments																
evel 1 - maximum time at po	eak temperature d	uring solo	dering is 10-3	0 seconds												
For more information regard	ding 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		nium (Cr6+), Polybro	ominated Biphenyls (PBB), Polybron	dmium and quantity limit of 0.1% by mass (100 minated Diphenyl Ethers (PBDE), and Bis(2-eth	
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.

sigma range of distribution unless	otherwise noted).							
Homogeneous 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	1.25	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	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).