ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INCOMPLETING	PC, Bannock	burn, Illinois. A	ll rights reserved un tions.	nder both	This docume level parts, t	ent is a declar the declaration	ation of the s	ubstances es all lowe	within the manufac r level materials for	turer listed which the	item. N manufac	ote: if the cturer has	e 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 and Mfg Inform						ormation		
Supplier Information														
Company name* C			Company unique ID			Unique ID Authority					Response Date*			
onsemi									2024-05-18					
Contact Name Title			Fitle - Contact			Phone - Contact*				Email	Email - Contact*			
Product-Env-Stewards Pro			Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative*	Title - Repres	Title - Representative			Phone - Representative*				Email	Email - Representative*				
Product-Env-Stewards	Product Envi	Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Iter	n Number	Mfr Item Name			Effective Da	te Version	. 1	Manufacturing Site		Weight	t*	UOM	Unit Type
	NLVPC G	NLVPCA9535EDTR2 16-BIT I/O		I/O EXPANDER		2024-05-18		1	PH1		69.68		mg	Each
Manufacturing Proccess Informa	tion		-					·						
Terminal Plating / Grid Array M	aterial	Ferminal Base Alloy J		-STD-020 MS	MSL Rating P		Peak Process Body Temperatu		ure Max Time at Peak Temper		erature Number of Reflow Cycles		es	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1				260		С	C 30		seconds 3			
Comments														
evel 1 - maximum time at peak temperati	ire during s	oldering is 10-3	0 seconds											
for more information regarding material	composition	n please 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 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 contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.										
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.										
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	3.12	mg	Supplier	Silicon (Si)	7440-21-3		3.12	mg
Die Attach	1.26	mg		Epoxy resin	proprietary data		0.126	mg
			Supplier	Silver (Ag)	7440-22-4		1.008	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.126	mg
Lead Frame	16.21	mg	Supplier	Iron (Fe)	7439-89-6		0.308	mg
			Supplier	Copper (Cu)	7440-50-8		15.902	mg
Mold Compound-Black	45.76	mg		Epoxy resin	proprietary data		2.288	mg
			Supplier	Phenol Resin	Proprietary Data		1.8304	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		4.576	mg
			Supplier	Carbon Black (C)	1333-86-4		0.4576	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		36.608	mg
Plating	2.91	mg	Supplier	Palladium (Pd)	7440-05-3		0.2212	mg
			В	Nickel (Ni)	7440-02-0		2.6481	mg
			Supplier	Gold (Au)	7440-57-5		0.0407	mg
Wire Bond - Au	0.42	mg	Supplier	Gold (Au)	7440-57-5		0.42	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).