ABSOCIATION CONNECTING ALECTROMICS INDUSTRIES® International and P	IPC, Bannock	burn, Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declar the declaration	ration of n encon	f the substance npasses all lo	es within wer leve	the manufaction materials for w	urer listed in which the m	tem. No nanufac	ote: if the cturer has	item is an as engineering	sembly with low responsibility.	
	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 Mate					rials and M	ials and Mfg Information				
Supplier Information																
Company name*	Company un	Company unique ID			Unique ID Authority					Respons	Response Date*					
onsemi												2023-06-08				
Contact Name	Title - Conta	Title - Contact			Phone - Contact*					Email -	Email - Contact*					
Product-Env-Stewards	Product Enviro Compliance				NA					Produc	Product-Env-Stewards@onsemi.com					
uthorized Representative*	Title - Representative			Phone - Representative*				Email -	Email - Representative*							
Product-Env-Stewards	Product Enviro Compliance				NA				Produc	Product-Env-Stewards@onsemi.com						
Requester Item Number	Requester Item Number Mfr Ite		n Number Mfr Item Name			Effective Da	ate V	ersion	Manufacturing Site		,	Weight	*	UOM	Unit Type	
	NCV77	NCV7707DQR2G Door-M		oor-Module driver-IC		2023-06-08		PHG		4	515.45		mg	Each		
Aanufacturing Proccess Inform	ation					1								1	I	
Terminal Plating / Grid Array M	/aterial '	Ferminal Base	Alloy	J-STD-020 MSL Rating		Peak Process Bod		Body Tempera	y Temperature Max Time at Peak		k Temperat	Temperature Number		f Reflow Cyc	les	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 3		3		260		С	30	30		ds 3				
omments																
TTENTION: MSL 3 Rated item requin	res Bake and I	Dry Pack (after	electrical test)													
or more information regarding materia	al composition	please refer to	page 3										-			

RoHS Material Composition Declaration				Declaration Type *	Detailed							
Directive 2015/863/EU amending RoHS Directive 2011/65/EU												
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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	15.99	mg	Supplier	Silicon (Si)	7440-21-3		15.99	mg
Die Attach	2.86	mg		Bismaleimide Resin	proprietary data		0.1144	mg
			Supplier	Methacrylate - High Boiling	Proprietary Data		0.2288	mg
			Supplier	Silver (Ag)	7440-22-4		2.5168	mg
Lead Frame	172.4	mg	Supplier	Zinc (Zn)	7440-66-6		0.1724	mg
			Supplier	Iron (Fe)	7439-89-6		3.9652	mg
			Supplier	Copper (Cu)	7440-50-8		168.09	mg
			Supplier	Phosphorus (P)	7723-14-0		0.1724	mg
Mold Compound-Black	322.04	mg		Epoxy resin	proprietary data		24.153	mg
			Supplier	Phenolic Resin	Proprietary Data		8.051	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		24.153	mg
			Supplier	Carbon Black (C)	1333-86-4		1.6102	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		264.0728	mg
Plating	1.62	mg	Supplier	Palladium (Pd)	7440-05-3		0.08	mg
			В	Nickel (Ni)	7440-02-0		1.4599	mg
			Supplier	Gold (Au)	7440-57-5		0.08	mg
Wire Bond - Au	0.54	mg	Supplier	Gold (Au)	7440-57-5		0.54	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).