ABBOCIATION CONNECTING ELECTRONICS INDUSTRIES® INFORMATION AND A	IPC, Bannock	burn, Illinois. A	All rights reserved untions.	nder both	This docume level parts, t	ent is a declar he declaration	ration of n encom	f the substance npasses all low	es within ver level	the manufacture materials for v	urer listed in which the m	tem. N nanufao	ote: if the	e item is an as s engineering	sembly with low responsibility.
	IPC Web Site for Information on IPC-1752 Standard Form Tyj http://www.ipc.org/IPC-175x Distribute				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mate					rials and M	ials and Mfg Information				
Supplier Information															
Company name*	Company unique ID			Unique ID Authority					Respons	Response Date*					
onsemi											2024-05-19				
Contact Name	Title - Conta	Fitle - Contact			Phone - Contact*					Email -	Email - Contact*				
Product-Env-Stewards	Product Envi	Product Enviro Compliance			NA					Produc	Product-Env-Stewards@onsemi.com				
Authorized Representative* Title			Title - Representative			Phone - Representative*				Email -	Email - Representative*				
Product-Env-Stewards	Product Enviro Compliance				NA				Produc	Product-Env-Stewards@onsemi.com					
Requester Item Number	er Item Number Mfr Iter		m Number Mfr Item Name			Effective Da	ate Ve	ersion	m Manufacturing Site MY1		,	Weight* 7.05		UOM	Unit Type
	NCS233	NCS2333MUTBG Dual Precisi		cision Op-Amp		2024-05-19					7			mg	Each
Aanufacturing Proccess Inform	ation					·			·					1	I
Terminal Plating / Grid Array M	Iaterial '	Terminal Base	Alloy	J-STD-020 MSL H		Peak Process Body		ody Temperat	Temperature Max Time at Peak		k Temperat	Temperature Numbe		of Reflow Cyc	les
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		С	30		secon	seconds 3			
Comments															
vel 1 - maximum time at peak tempera	ture during so	oldering is 10-3	30 seconds												
or more information regarding materia	l composition	please refer to	o 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), Diisobutyl 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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.21	mg	Supplier	Silicon (Si)	7440-21-3		0.21	mg
Die Attach	0.11	mg	Supplier	Silver (Ag)	7440-22-4		0.0825	mg
			Supplier	Epoxy resins	129915-35-1		0.0275	mg
Lead Frame	3.08	mg	Supplier	Silver (Ag)	7440-22-4		0.134	mg
			Supplier	Magnesium (Mg)	7439-95-4		0.0046	mg
			Supplier	Silicon (Si)	7440-21-3		0.02	mg
			В	Nickel (Ni)	7440-02-0		0.0924	mg
			Supplier	Copper (Cu)	7440-50-8		2.829	mg
Mold Compound-Black	3.45	mg		Epoxy Phenol Resin	proprietary data		0.3623	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		3.0877	mg
Plating	0.09	mg	Supplier	Palladium (Pd)	7440-05-3		0.0056	mg
			В	Nickel (Ni)	7440-02-0		0.0834	mg
			Supplier	Gold (Au)	7440-57-5		0.001	mg
Wire Bond - Au	0.11	mg	Supplier	Gold (Au)	7440-57-5		0.11	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