ABSOCIATION CONNECTING COpyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.						This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.								
	P-21.1 IPC Web Site for Information on IPC-1752 Standard Form Ty http://www.ipc.org/IPC-175x Distribu				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials					als and Mf	ls and Mfg Information			
Supplier Information														
Company name*	Company unique ID			Unique ID Authority				Response Date*						
onsemi								2024-05-10						
Contact Name Title - Contact			ct			Phone - Contact*			Email - Contact*					
Product-Env-Stewards Product En			ct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Rep			Representative			Phone - Representative*			Email - Representative*					
Product-Env-Stewards Prod			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	ber Mfr Item Nur		Number Mfr Item Name			Effective Date	Version	Manufac	Manufacturing Site		Veight*	UOM	Unit Type	
	NCS200	NCS20082DMR2G R2R IO Dua		mplifier		2024-05-10		MY1	MY1		1.12	mg	Each	
Manufacturing Proccess Informat	ion													
Terminal Plating / Grid Array Mat	Terminal Plating / Grid Array Material Terminal Base Alloy		Alloy J	J-STD-020 MSI	L Rating	Peak Proce	ess Body Tem	perature Max	Time at Peak	Temperatu	ire Numb	per of Reflow Cyc	les	
Matte Tin (Sn) - annealed CU Alloy			1		260	С	30		second	ls 3				
Comments														
level 1 - maximum time at peak temperatu	e during sol	dering is 10-3	0 seconds											
or more information regarding material o	omposition	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 ohthalate (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 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 co 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 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	0.31	mg	Supplier	Silicon (Si)	7440-21-3		0.31	mg	
Die Attach	0.91	mg	Supplier	Silver (Ag)	7440-22-4		0.6825	mg	
			Supplier	Epoxy resins	129915-35-1		0.2275	mg	
Lead Frame	14.26	mg	Supplier	Silver (Ag)	7440-22-4		0.3565	mg	
			Supplier	Zinc (Zn)	7440-66-6		0.0143	mg	
			Supplier	Iron (Fe)	7439-89-6		0.3422	mg	
			Supplier	Copper (Cu)	7440-50-8		13.547	mg	
Mold Compound-Black	14.96	mg		Epoxy resin	proprietary data		0.748	mg	
			Supplier	Phenolic Resin	Proprietary Data		0.748	mg	
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.2992	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.0748	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		13.09	mg	
Plating	0.38	mg	Supplier	Tin (Sn)	7440-31-5		0.38	mg	
Wire Bond - Au	0.3	mg	Supplier	Gold (Au)	7440-57-5		0.3	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