© Copyrig	al Composition D ght 2005. IPC, Bannoc nal and Pan-American	kburn, Illinois. A	Il rights reserved untions.	under both	This docume level parts, th	ent is a declar he declaration	ration of t n encomp	the substances passes all low	within the er level mat	e manufactur terials for wi	rer listed it hich the m	em. No anufact	ote: if the turer has	item is an as engineering	sembly with lowe 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 Mater					als and Mfg Information				
Supplier Information															
Company name*	Company un	Company unique ID			Unique ID Authority					Response Date*					
onsemi											2024-05-02				
Contact Name		Title - Conta	Title - Contact			Phone - Contact*					Email - Contact*				
Product-Env-Stewards		Product Envi	Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com				
Authorized Representative*	Title - Repre	Title - Representative			Phone - Representative*				Email - Representative*						
Product-Env-Stewards	Product Envi	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com						
Requester Item Numb	Requester Item Number Mfr Item		n Number Mfr Item Name			Effective Date		rsion	Manufacturing Site		V	Veight*	*	UOM	Unit Type
	NCS20	NCS20032DTBR2G Hig		High Slew Rate, LV, R2R Op Amp		2024-05-02			PH1		2	22.7		mg	Each
Manufacturing Proccess I	Information					1									•
Terminal Plating / Grid	Grid Array Material Terminal Base		Alloy	J-STD-020 MSL Rating		Peak Process Body Temp		dy Temperatu	ature Max Time at Peak		Temperature Number of Reflow Cycl		les		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		C	30		second	ls 3			
Comments															
evel 1 - maximum time at peak	temperature during	oldering is 10-3	0 seconds												
or more information regarding	g material compositio	n 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 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.

	cable [E] enter the weigh			ance category (JIG or Requester) or enter [F] Optionally enter the positive (+) ar				
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	1.0	mg	Supplier	Silicon (Si)	7440-21-3		1	mg
Die Attach	0.66	mg	Supplier	Silver (Ag)	7440-22-4		0.495	mg
			Supplier	Epoxy resins	129915-35-1		0.165	mg
Lead Frame	10.38	mg	Supplier	Iron (Fe)	7439-89-6		0.1972	mg
			Supplier	Copper (Cu)	7440-50-8		10.1828	mg
Mold Compound-Black	9.5	mg		Epoxy Phenol Resin	proprietary data		0.9975	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		8.5025	mg
Plating	1.06	mg	Supplier	Tin (Sn)	7440-31-5		1.06	mg
Wire Bond - Au	0.1	mg	Supplier	Gold (Au)	7440-57-5		0.1	mg