© C	terial Composit opyright 2005. IPC, I national and Pan-Am	Bannockb	urn, Illinois. A	Il rights reserved untions.	inder both	This docume level parts, t	ent is a decla he declaratio	tration of	the substance passes all lov	es withi wer leve	n the manufactur I materials for w	rer listed it hich the m	em. No anufact	ote: if the turer has	item is an asso engineering re	embly with lowe esponsibility.
	IPC Web Site for Information on IPC-1752 Standard Form Type 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 unique ID			Unique ID Authority					Response Date*					
onsemi										2023-06	2023-06-08					
Contact Name	Title - Contact				Phone - Contact*					Email - Contact*						
Product-Env-Stewards		Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com					
Authorized Representative*			Title - Representative			Phone - Representative*				Email - Representative*						
Product-Env-Stewards			Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com				
Requester Item	r Item Number Mfr Item		Number Mfr Item Name				Effective Date		ersion	Manufacturing Site		1	Weight*	ķ	UOM	Unit Type
	ESD7241N2T5G		N2T5G	24V Vrwm ESD Protection			2023-06-08	3		CN1	CN1).929		mg	Each
Manufacturing Proce	ess Information	l		1			1					I			1	-
Terminal Plating	Terminal Plating / Grid Array Material		erminal Base Alloy J-S		J-STD-020 MS	L Rating	Peak Process Body Tempera		ture Max Time at Peak T		Temperat	Temperature Number		f Reflow Cycle	es	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)			U Alloy 1		1		260		С	30	30 secon		onds 3			
Comments									•			·				
evel 1 - maximum time at	peak temperature d	uring sol	dering is 10-3	0 seconds												
For more information rega	rding material com	position p	please refer to	page 3												

RoHS Material Composition Declaration				Declaration Type *	Detailed							
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	RoHS 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), Disobutyl 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	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	0.02	mg	Supplier	Silicon (Si)	7440-21-3		0.02	mg	
Die Attach	0.008	mg	Supplier	Formaldehyde, polymer with amiline	67784-74-1		0.0002	mg	
			Supplier	Bisphenol A, epichlorohydrin polymer	68610-41-3		0.0004	mg	
			Supplier	Silver (Ag)	7440-22-4		0.0073	mg	
			Supplier	Bisphenol A, Epichlorohydrin polymer	25036-25-3, 25068- 38-6		0.0001	mg	
Lead Frame	0.41	mg	Supplier	Magnesium (Mg)	7439-95-4		0.0006	mg	
			Supplier	Silicon (Si)	7440-21-3		0.0027	mg	
			В	Nickel (Ni)	7440-02-0		0.0123	mg	
			Supplier	Copper (Cu)	7440-50-8		0.3944	mg	
Mold Compound-Black	0.34	mg	Supplier	Silica Amorphous (SiO2)	7631-86-9		0.0255	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.0017	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		0.2703	mg	
			Supplier	EpoxyNovolaCresins (Cresolic)	64425-89-4		0.017	mg	
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0255	mg	
Plating	0.146	mg	Supplier	Palladium (Pd)	7440-05-3		0.0111	mg	
			В	Nickel (Ni)	7440-02-0		0.1329	mg	
			Supplier	Gold (Au)	7440-57-5		0.002	mg	
Wire Bond - Au	0.005	mg	Supplier	Gold (Au)	7440-57-5		0.005	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).