IPC ASSOCIATION CONNE	© Copyright 2005. I	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.			der both This	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.								
752-21.1		IPC Web Site for Information on IPC-1752 Standard Form Typhttp://www.ipc.org/IPC-175x Distribute				Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					als and M	fg Informati	on	
upplier Info	ormation						·							
Company name*			Company unique ID			Uı	Unique ID Authority				Response Date*			
nsemi											2023-06-08			
Contact Name		Title - Contact			Pi	Phone - Contact*				Email - Contact*				
Product-Env-St	tewards		Product Enviro Compliance			N	NA				Product-Env-Stewards@onsemi.com			
uthorized Rep	oresentative*	Title - Representative			Pl	Phone - Representative*			Email - Representative*					
Product-Env-Stewards			Product Enviro Compliance			N	NA				Product-Env-Stewards@onsemi.com			
Requ	uester Item Number	Mfr Item	Number	Mfr Item Name		E	Effective Date	Version	M	Manufacturing Site		Weight*	UOM	Unit Type
		NCP1230D165R2G ANA PWM CUR		ANA PWM CURR	ENT-MODE CON	NT 2	2023-06-08 TH6		H6		80.48	mg	Each	
	ing Process Informa		''1 D	A11	CTD 020 MCI D	Aire -	Produ Porce	no Doda Tom		Man Time at Bash	T	Name I	D. Sl C.	1
ž ž		,		STD-020 MSL Rat	ting	Peak Process Body Tempera		•				er of Reflow Cyc	cies	
-	e Tin (Sn) - annealed	C	CU Alloy	I			260	ĮC	<i>.</i>	30	secon	ids 3		
omments			1	10										
	um time at peak temperatu													
r more inforn	nation regarding material	composition	piease refer to	o page 3										

RoHS Material Composition Declaration			Declaration Type *	Detail	ed				
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		ium (Cr6+), Polybrominated Biphenyls (PB)	erial for Cadmium and quantity limit of 0.1% b B), Polybrominated Diphenyl Ethers (PBDE), a						
cadmium, hexavalentchromium, polybromin contains a RoHS restricted substance inexce encompass all such components. Supplier cet as of the date that Supplier completes this Company acknowledges that Supplier may hindependently verified information provided certification in this paragraph. If the Compan	nated biphenyls and/or polybrominated diphess of an applicable quantity limit, please indriffes that it gathered the information it provom. Supplier acknowledges that Company wave relied on informationprovided by others of the supplier agrees that, at a minimusy and the Supplier enter into a written agree yesource of the Supplier's liability and the C	enyl ethers (each a "RoHS restricted substan licate below which, if any, RoHS exemption vides in this form using appropriate methods vill rely on this certification in determining the s in completing this form, and that Supplier um, itssuppliers have provided certifications ement with respect to the identified part, the tompany's remedies for issues that arise rega	s of the European Union member states) of the ce") in excess of the applicable quantity limit is you believe may apply. If the part is an assemb to ensure its accuracy and that such informatio e compliance of its products with European Ur may not have independently verified such infor regarding their contributions to the part, and the erms and conditions of that agreement, including information the Supplier provides in this	dentified above. If a ally with lower level in is true and correct tion member state la mation. However, in ose certifications are ag any warranty righ	homogeneous material within the part components, the declaration shall to the best of its knowledge and belief, was that implement the RoHS Directive. In situations where Supplier has not the at least as comprehensive as the lats and/or remedies provided as part of				
RoHS Declaration * 1 - Item	(s) does not contain RoHS restricted substar	nces per the definition above	Supplier A	cceptance *	Accepted				
Exemption: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.									
Exemption List Version	EL-2011/534/EU								
Declaration Signature									
		e "Accepted" on the Supplier Acceptance	drop-down. This will display the signature a	rea. Digitally sign t	the declaration (if required by the				

## **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.

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).

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	2.52	mg	Supplier	Silicon (Si)	7440-21-3		2.52	mg
Die Attach	0.43	mg		Epoxy resin	proprietary data		0.043	mg
			Supplier	Ethylene dimethacrylate	97-90-5		0.0215	mg
			Supplier	Silver (Ag)	7440-22-4		0.344	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.0215	mg
Lead Frame	27.82	mg	Supplier	Silver (Ag)	7440-22-4		0.1669	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0334	mg
			Supplier	Iron (Fe)	7439-89-6		0.6538	mg
			Supplier	Copper (Cu)	7440-50-8		26.9576	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0083	mg
Mold Compound-Black	48.72	mg		Epoxy resin	proprietary data		2.436	mg
			Supplier	Phenolic Resin	Proprietary Data		2.436	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.9744	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2436	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		42.63	mg
Plating	0.94	mg	Supplier	Tin (Sn)	7440-31-5		0.94	mg
Wire Bond - Cu	0.05	mg	Supplier	Copper (Cu)	7440-50-8		0.05	mg