ASSOCIATION CONNE	© Copyright 2005.	Material Composition Declaration © 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.										
752-21.1		IPC Web Site for Information on IPC-1752 Standard Form Typhttp://www.ipc.org/IPC-175x Distribute				e * Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater						als and Mf	g Info	rmation		
Supplier Info	ormation				·											
Company name* Com				Company unique ID			Unique ID Authority					Response Date*				
nsemi												2023-06-08				
Contact Name			Title - Contac	Title - Contact			Phone - Contact*					Email - Contact*				
Product-Env-St	tewards	Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com					
uthorized Rep	resentative*	Title - Repres	Title - Representative			Phone - Representative*				Email - Representative*						
Product-Env-St	tewards	Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com					
Requ	uester Item Number	ter Item Number Mfr Item		em Number Mfr Item Name				ate Version N		Manufacturing Site		V	Weight* UOM		UOM	Unit Type
		NCP145AMX105TCG Bia			Bias rail 500mA LDO, 1.05V AD		2023-06-08 PHM		PHM	M		1.9 mg		mg	Each	
Ianufacturi	ng Proccess Informa	ntion														
Termi	inal Plating / Grid Array M	al Plating / Grid Array Material		Terminal Base Alloy J		-020 MSL Rating		Peak Process Body Temperatu		re Max Time at Peak Temper		Temperatu	rature Number of Reflow Cycles		les	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)			CU Alloy 1		1		260		С	30 seco		second	ls 3	3		
comments												-				
vel 1 - maximu	ım time at peak temperat	ure during so	oldering is 10-3	0 seconds	· · · · · · · · · · · · · · · · · · ·											
or more inform	nation regarding materia	l composition	please refer to	page 3												

RoHS Material Composition Declaration			Declaration Type *	Detail	led						
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).											
Please indicate whether any homogeneous material (as defined by the RoHS Directive, EU 2011/65/EU and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury, cadmium, hexavalentchromium, polybrominated biphenyls and/or polybrominated diphenyl ethers (each a "RoHS restricted substance") in excess of the applicable quantity limit identified above. If a homogeneous material within the part contains a RoHS restricted substance inexcess of an applicable quantity limit, please indicate below which, if any, RoHS exemption you believe may apply. If the part is an assembly with lower level components, the declaration shall encompass all such components. Supplier certifies that it gathered the information is true and correct to the best of its knowledge and belief, as of the date that Supplier completes this form. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive. Company acknowledges that Supplier may have relied on informationprovided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its suppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier enter into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies of Supplier's Standard Terms and Conditions of Sale applicable to such part shall apply.											
RoHS Declaration * 1 - Item	(s) does not contain RoHS restricted substa	ances per the definition above	Supplier Ac	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											
Instructional Complete all of the required	fields on all neggs of this form. Calcut th		a duan dawn. This will display the signature on	a Digitally sign	the declaration (if recruired by the						
Instructions: Complete all of the required Requester) and click on Submit Form to			e drop-down. This will display the signature ar	ea. Digitally sign	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	0.1	mg	Supplier	Silicon (Si)	7440-21-3		0.1	mg
Die Attach	0.02	mg	Supplier	Epoxized Condensate Of Para- Hydrobenzaldehyde And Alkyl Phenol	129915-35-1		0.013	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.007	mg
Lead Frame	0.74	mg	Supplier	Magnesium (Mg)	7439-95-4		0.0011	mg
			Supplier	Silicon (Si)	7440-21-3		0.0048	mg
			В	Nickel (Ni)	7440-02-0		0.0222	mg
			Supplier	Copper (Cu)	7440-50-8		0.7119	mg
Mold Compound-Black	0.87	mg	Supplier	Epoxy and Phenolic Resin	40216-08-8		0.0696	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0044	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.0174	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		0.7526	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0261	mg
Plating	0.15	mg	Supplier	Palladium (Pd)	7440-05-3		0.0036	mg
			В	Nickel (Ni)	7440-02-0		0.132	mg
			Supplier	Gold (Au)	7440-57-5		0.0144	mg
Wire Bond - Au	0.02	mg	Supplier	Gold (Au)	7440-57-5		0.02	mg