IPC ASSOCIATION ELECTRONICS	© Copyright 200	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under bot international and Pan-American copyright conventions.		der both This docum level parts,	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 Type http://www.ipc.org/IPC-175x Distribute				Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					ials and Mfg Information			
upplier	Information													
Company name*				ompany unique ID			Unique ID Authority				Response Date*			
nsemi							I				2023-06-08			
Contact Na	me		Title - Contact			Phone - Contact*				Email - Contact*				
Product-E1	nv-Stewards		Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
uthorized	Representative*		Title - Representative			Phone - Representative*			Email - Representative*					
Product-E	nv-Stewards		Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
	Requester Item Number	Mfr Item	Mfr Item Number Mfr Item Nam			Effective Da	te Version	ersion Manufacturing Site		W	eight*	UOM	Unit Type	
		NCP81276MNTXG 4 Phase Controller nVidia processor		with OVR4+ interface for	2023-06-08	PH1		71	.0	mg	Each			
	turing Proccess Inform													
	2 2		,		STD-020 MSL Rating	Peak Process Body T				Temperatur		er of Reflow Cyc	eles	
N	Matte Tin (Sn) - annealed		CU Alloy	1		260		C	30	seconds	3			
omments														
vel 1 - ma	ximum time at peak tempe	rature during so	ldering is 10-3	0 seconds										
or more in	nformation regarding mater	rial composition	please refer to	page 3										

RoHS Material Composition Declaration			Declaration Type *	Detail	ed						
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 it provides in this form using appropriate methods to ensure its accuracy and that such 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 information provided by others, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its uppliers 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 neter 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 andConditions of Sale applicable to such part shall apply.											
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	4.06	mg	Supplier	Silicon (Si)	7440-21-3		4.06	mg
Die Attach	0.57	mg	Supplier	Poly(Bisphenol A-co-epichlorohydrin) (C18H22O3)	25036-25-3		0.0855	mg
			Supplier	Silver (Ag)	7440-22-4		0.4845	mg
Lead Frame	30.44	mg	Supplier	Silver (Ag)	7440-22-4		0.6088	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0365	mg
			Supplier	Iron (Fe)	7439-89-6		0.7153	mg
			Supplier	Copper (Cu)	7440-50-8		29.0702	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0091	mg
Mold Compound-Black	34.16	mg		Epoxy resin	proprietary data		1.708	mg
			Supplier	Carbon Black (C)	1333-86-4		0.1708	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		30.5732	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		1.708	mg
Plating	1.55	mg	Supplier	Tin (Sn)	7440-31-5		1.55	mg
Wire Bond	0.22	mg	Supplier	Palladium (Pd)	7440-05-3		0.0022	mg
			Supplier	Copper (Cu)	7440-50-8		0.2178	mg