IPC ASSOCIATION ELECTRONIE	© Copyris	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.			This dilevel p	This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lowe level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.								
752-21.1					Form Type * Distribute				o, Homogeneous Materi	erials and Mfg Information				
Supplie	r Information													
Company name*				Company unique ID			Unique ID Authority				Response Date*			
nsemi											2023-06-08			
Contact N	Name		Title - Con	Title - Contact			Phone - Contact*			Email - Contact*				
Product-	Env-Stewards		Product Er	Product Enviro Compliance			NA			Product-Env-Stewards@onsemi.com				
uthorize	ed Representative*		Title - Rep	Title - Representative			Phone - Representative*			Email - Representative*				
Product-	Env-Stewards		Product Er	Product Enviro Compliance			NA			Product-Env-Stewards@onsemi.com				
	Requester Item Number Mfr Item		Afr Item Number	n Number Mfr Item Name		Effe	ective Date	Version	Manufacturing Site		eight*	UOM	Unit Type	
		NCP160BFCS450T2G CSP L		G CSP LDO 250m	CSP LDO 250mA, Non-Active Discharge		23-06-08		CNQ		3449	mg	Each	
Ianufa	ncturing Process 1					·				·				
	, , , , , , , , , , , , , , , , , , ,			Terminal Base Alloy J-STD-0		ng			ure Max Time at Peak Temperature			er of Reflow Cyc	les	
	SnAgCu		CU Alloy		1		260	C	30	second	s 3			
omments	-													
	naximum time at peak													
or more	information regarding	g material comp	osition 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 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 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	0.2386	mg	Supplier	Silicon (Si)	7440-21-3		0.2386	mg
Protection coat	0.0085	mg		Polyimide	proprietary data		0.0085	mg
RDL	0.0076	mg	Supplier	Titanium (Ti)	7440-32-6		0.0001	mg
			Supplier	Copper (Cu)	7440-50-8		0.0075	mg
Solder Ball	0.0902	mg	Supplier	Silver (Ag)	7440-22-4		0.0023	mg
			Supplier	Tin (Sn)	7440-31-5		0.0873	mg
			Supplier	Copper (Cu)	7440-50-8		0.0005	mg