ASSOCIATION CONNECT	© Copyright 2005. IP	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 low 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 http://www.ipc.org/IPC-175x Form Typ Distribute														
upplier Infor	rmation															
Company name*			Company un	Company unique ID			Unique ID Authority					Response Date*				
nsemi													2023-06-08			
				Title - Contact			Phone - Contact*				Email	Email - Contact*				
Product-Env-Ste	wards		Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com				
uthorized Repre	esentative*	Title - Representative			I	Phone - Representative*				Email	Email - Representative*					
Product-Env-Ste	wards	Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com					
Reque	ster Item Number	r Item Number Mfr Item Nu FXLA104UN					Effective Date	Version	Version Manufacturing Site		lite	Weight*		UOM	Unit Type	
							2023-06-08 TH2			4.735 mg		mg	Each			
<b>Ianufacturin</b>	g Proccess Informati	ion		1											,	
Termin	erminal Plating / Grid Array Material		Terminal Base Alloy J		J-STD-020 M	SL Rating	Peak Process Body Temperatur		re Max Time at Peak Tempera		ature	ure Number of Reflow Cycles		eles		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)			CU Alloy 1		1		260		C		seco	nds	3			
Comments							•			•						
vel 1 - maximun	n time at peak temperatur	e during so	oldering is 10-3	30 seconds												
or more informa	ation regarding material c	omposition	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 knowledges 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	0.36	mg	Supplier	Silicon (Si)	7440-21-3		0.36	mg
Die Attach Epoxy	0.091	mg		Epoxy resin	proprietary data		0.0273	mg
			Supplier	Diethylene glycol monoethyl ether acetate	112-15-2		0.0318	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.0318	mg
Lead Frame	1.662		Supplier	Zinc (Zn)	7440-66-6		0.002	mg
			Supplier	Iron (Fe)	7439-89-6		0.04	mg
			Supplier	Copper (Cu)	7440-50-8		1.62	mg
			Supplier	Phosphorus (P)	7723-14-0		0	mg
Mold Compound-Black	2.505		Supplier	Carbon Black (C)	1333-86-4		0.0125	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		2.2044	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		0.1628	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.1252	mg
Plating	0.064		Supplier	Palladium (Pd)	7440-05-3		0.005	mg
			В	Nickel (Ni)	7440-02-0		0.058	mg
			Supplier	Gold (Au)	7440-57-5		0.001	mg
Wire Bond - Au	0.053	mg	Supplier	Gold (Au)	7440-57-5		0.053	mg