IPC ASSOCIATION CONNE ELECTRONICS INDUS	Material Comp © Copyright 2005. international and Pa	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 lowe 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 Mater					ials and Mfg Information				
upplier Info	rmation														
Company name*			Company unique ID			J	Unique ID Authority					Response Date*			
onsemi											2023-06-08				
Contact Name		Title - Contact			I	Phone - Contact*				Email - Contact*					
Product-Env-St	ewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
uthorized Repr	resentative*	Title - Representative			I	Phone - Representative*				Email - Representative*					
Product-Env-St	ewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
Requ	Requester Item Number Mfr Ite		em Number Mfr Item Name				Effective Dat	Effective Date Version Manufacturing Si		Manufacturing Site		Weight*	UOM	Unit Type	
		FL3100TSX Sing. 2A Low Side Dri		e Drive		2023-06-08			PBB		17.213	mg	Each		
Ianufacturii	ng Proccess Informa	ation													
Terminal Plating / Grid Array Material T			Ferminal Base Alloy J-STD-020 MSI		SL Rating	Peak Process Body Temperature		re Max Time at Peak	Tempera	ure Numb	er of Reflow Cyc	cles			
Matte Tin (Sn) - annealed		CU Alloy 1			260 C		30	secor	ds 3						
omments															
vel 1 - maximu	m time at peak temperat	ure during sol	ldering is 10-3	30 seconds											
or more inform	ation regarding material	l 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 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 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 provided as part of that agreement, will be the sole and exclusivesource of the 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	mogeneous Material Weight Unit of Measure Level		Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.46	mg	Supplier	upplier Silicon (Si)			0.46	mg
Die Attach	0.23	mg	Supplier	Ethylene glycol dicyclopentenyl ether methacrylate	68586-19-6		0.0081	mg
			Supplier	Bis(a,a-dimethylbenzyl) Peroxide	80-43-3		0.0015	mg
			Supplier	Silver (Ag)	7440-22-4		0.2205	mg
Lead Frame	7.29	mg	Supplier	Silver (Ag)	7440-22-4		0.0146	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0087	mg
			Supplier	Iron (Fe)	7439-89-6		0.1713	mg
			Supplier	Copper (Cu)	7440-50-8		7.0932	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0022	mg
Mold Compound-Black	8.68		Supplier	Ortho Cresol Novolac Resin	29690-82-2		2.5172	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0868	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		6.076	mg
Plating	0.453	mg	Supplier	Tin (Sn)	7440-31-5		0.453	mg
Wire Bond - Au	0.1	mg	Supplier	Gold (Au)	7440-57-5		0.1	mg