IPC ASSOCIATION ELECTRONIC	© Copyright 2005.	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.			nder both	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	r Information													
Company name* Company ur				unique ID			Unique ID Authority				Response Date*			
nsemi										2023-06-08				
Contact N	ame	Title - Contact			F	Phone - Contact*				Email - Contact*				
Product-H	Env-Stewards		Product Enviro Compliance			1	NA				Product-Env-Stewards@onsemi.com			
uthorize	d Representative*	Title - Representative			F	Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product En				t Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
	Requester Item Number	Mfr Iten	n Number	Mfr Item Name			Effective Date	Version	Mai	Ianufacturing Site		ight*	UOM	Unit Type
		FSL176MRTUDTU Power Switcher		Power Switcher			2023-06-08 PBB		3	223	9.009	mg	Each	
Ianufa	cturing Process Inform		Comminal Dago	Allow	J-STD-020 MS	II Dating	Dools Deco	aga Daday Ta		Max Time at Peak	Tomamorotumo	Niversh	or of Reflow Cyc	Jac
, , , , , , , , , , , , , , , , , , ,		Terminal Base Alloy J-STD- CU Alloy NA			L Kanng	0	ess Body Te	C	30	seconds	3	er of Reflow Cyc	ries	
omments	` ′		Andy	1	· VA		U		IC I	30	seconds			
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m more i	information regarding materia	al composition	nlagge refer to	n nogo 2										

RoHS Material Composition Declaration			Declaration Type *	Detailed						
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 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 * 4 - Item(s) does not contain RoHS restricted substance	es per the definition above except for selected exemp	otions Supplier Acceptance	* Accepted						
Exemption: 7a: Lead in high melting temperature type solders (i.e. lead based solder alloys containing 85% by weight or more lead).										
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required f Requester) and click on Submit Form to ha		'Accepted" on the Supplier Acceptance drop-dow	n. This will display the signature area. Digita	lly sign the declaration (if required by the						
Supplier Digital Signature Ra	astislav Drska	-6_								

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	9.8	mg	Supplier	Silicon (Si)	7440-21-3		9.8	mg
Die Attach Epoxy	0.254	mg	Supplier	Poly(oxypropylene)diamine	9046-10-0		0.0076	mg
			Supplier	Miscellaneous	Trade Secret		0.0127	mg
			Supplier	Silver (Ag)	7440-22-4		0.2159	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0178	mg
Die Attach Solder	3.061	mg	Supplier	Silver (Ag)	7440-22-4		0.0765	mg
			A	Lead (Pb)	7439-92-1	7a	2.8314	mg
			Supplier	Tin (Sn)	7440-31-5		0.1531	mg
Lead Frame	1264.59	mg	Supplier	Silver (Ag)	7440-22-4		2.91	mg
			Supplier	Tin (Sn)	7440-31-5		1.55	mg
			Supplier	Copper (Cu)	7440-50-8		1260.0045	mg
			Supplier	Phosphorus (P)	7723-14-0		0.1255	mg
Mold Compound-Black	950.0	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		114	mg
			Supplier	Carbon Black (C)	1333-86-4		4.75	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		831.25	mg
Plating	11.0	mg	Supplier	Tin (Sn)	7440-31-5		11	mg
Wire Bond - Cu	0.304	mg	Supplier	Copper (Cu)	7440-50-8		0.304	mg