IPC ASSOCIATION ELECTRONIC	© Copyright 200	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 low level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.									
752-21.1						Fype * Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mate				Materials ar	rials and Mfg Information				
Supplier	r Information						·								
Company name*			Company unique ID			J	Unique ID Authority				Res	Response Date*			
nsemi										202	2022-02-11				
Contact N	ame	Title - Contact			I	Phone - Contact*				Em	Email - Contact*				
Product-I	Env-Stewards		Product Enviro Compliance			1	NA				Pro	Product-Env-Stewards@onsemi.com			
uthorize	d Representative*		Title - Representative			I	Phone - Representative*				Em	Email - Representative*			
Product-Env-Stewards			Product Enviro Compliance			1	NA				Pro	Product-Env-Stewards@onsemi.com			
	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective Date	Effective Date Version Manufacturing S		Site	Weight*	UOM	Unit Type		
		NTMFD5C470NLT1G T6		T6 40V LL S08FL DS			2022-02-11		N	MY1		136.09	mg	Each	
Ianufa	cturing Proccess Inform	nation						•						·	
	Terminal Plating / Grid Array Material		Terminal Base Alloy J-STI		-STD-020 MSL	Rating	Peak Process Body Temperatu		e Max Time	at Peak Tem	perature Numb	oer of Reflow Cy	cles		
Matte Tin (Sn) - annealed		CU Alloy 1			260 C 30		s	econds 3							
omments															
vel 1 - m	aximum time at peak temper	rature during so	dering is 10-3	0 seconds											
or more	information regarding mater	rial composition	please refer to	page 3											

RoHS Material Composition Declaration			Declaration Type *	Detailed						
Priective 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, itssuppliers 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 provided as part of that agreement, will be the sole and exclusivesource of the Supplier's Standard Terms andConditions of Sale applicable to such part shall apply.										
RoHS Declaration * 4 - Item(s) does not contain RoHS restricted substance	s per the definition above except for selected exemp	tions 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	-En								

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	6.76	mg	Supplier	Silicon (Si)	7440-21-3		6.76	mg
Die Attach Solder	11.9	mg	Supplier	Silver (Ag)	7440-22-4		0.2975	mg
			A	Lead (Pb)	7439-92-1	7a	11.0075	mg
			Supplier	Tin (Sn)	7440-31-5		0.595	mg
Lead Frame	83.05	mg	Supplier	Iron (Fe)	7439-89-6		0.5814	mg
			Supplier	Copper (Cu)	7440-50-8		82.4687	mg
Mold Compound-Black	33.33	mg		Epoxy Phenol Resin	proprietary data		3.4997	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		29.8304	mg
Plating	0.95	mg	Supplier	Tin (Sn)	7440-31-5		0.95	mg
Wire Bond - Cu	0.1	mg	Supplier	Copper (Cu)	7440-50-8		0.1	mg