IPC ASSOCIATION ELECTRONIC	© Copyright 200	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All right international and Pan-American copyright conventions.			nder both	e substances sses all lower	within the level mate	manufacture erials for wh	er listed ite	em. Note:	if the item is an as r has engineering	sembly with low responsibility.			
752-21.1					Form Type * Distribute		Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					ials and Mfg Information			
Supplie	r Information						·								
Company name* Company unique				que ID Uniq			Unique ID Authority				Response Date*				
nsemi												2023-06-08			
Contact N	Name	Title - Contact			F	Phone - Contact*					Email - Contact*				
Product-	Env-Stewards		Product Enviro Compliance			1	NA				Product-Env-Stewards@onsemi.com				
uthorize	ed Representative*		Title - Representative			F	Phone - Representative*				Email - Representative*				
Product-	Env-Stewards		Product Enviro Compliance]	NA				Product-Env-Stewards@onsemi.com				
	Requester Item Number Mfr Ite		n Number Mfr Item Name				Effective Date	ate Version Manufacturing Site		ing Site	V	Veight*	UOM	Unit Type	
		SZMMBZ6V2ALT1G ZEN SOT23 RI		ZEN SOT23 REG	225W SPCL 2023		2023-06-08	6-08 Ci		CN1		8	8.02 mg	mg	Each
Ianufa	ncturing Process Inform				OTT 000 1575					:				40.0	
	8		•		-STD-020 MSL	Rating			Body Temperature Max Time at Peak				ber of Reflow Cyc	eles	
	Matte Tin (Sn) - annealed		CU Alloy	1			260		C	30		second	ls 3		
omments															
	naximum time at peak temper														
r more	information regarding mater	rial composition	please refer to	page 3											

RoHS Material Composition Declaration			Declaration Type *	Detail	ed
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		ium (Cr6+), Polybrominated Biphenyls (PB)	erial for Cadmium and quantity limit of 0.1% b B), Polybrominated Diphenyl Ethers (PBDE), a		
cadmium, hexavalentchromium, polybromin contains a RoHS restricted substance inexce encompass all such components. Supplier cet as of the date that Supplier completes this Company acknowledges that Supplier may hindependently verified information provided certification in this paragraph. If the Compan	nated biphenyls and/or polybrominated diphess of an applicable quantity limit, please indriffes that it gathered the information it provom. Supplier acknowledges that Company wave relied on informationprovided by others of the supplier agrees that, at a minimusy and the Supplier enter into a written agree yesource of the Supplier's liability and the C	enyl ethers (each a "RoHS restricted substan licate below which, if any, RoHS exemption vides in this form using appropriate methods vill rely on this certification in determining the s in completing this form, and that Supplier um, itssuppliers have provided certifications ement with respect to the identified part, the tompany's remedies for issues that arise rega	s of the European Union member states) of the ce") in excess of the applicable quantity limit is you believe may apply. If the part is an assemb to ensure its accuracy and that such informatio e compliance of its products with European Ur may not have independently verified such infor regarding their contributions to the part, and the erms and conditions of that agreement, including information the Supplier provides in this	dentified above. If a ally with lower level in is true and correct at it in member state la mation. However, in ose certifications are ag any warranty righ	homogeneous material within the part components, the declaration shall to the best of its knowledge and belief, was that implement the RoHS Directive. In situations where Supplier has not the at least as comprehensive as the lats and/or remedies provided as part of
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 applicable exemptions.	contain RoHS restricted substances per t	he definition above except for defined Rol	IS exemptions, then select the corresponding	response in the R	oHS Declaration above and choose all
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	0.05	mg	Supplier	Silicon (Si)	7440-21-3		0.05	mg
Lead Frame	2.92		В	Nickel (Ni)	7440-02-0		1.06	mg
			Supplier	Iron (Fe)	7439-89-6		1.4658	mg
			Supplier	Copper (Cu)	7440-50-8		0.3942	mg
Mold Compound-Black	4.9	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.49	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0245	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.7105	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		3.185	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.49	mg
Plating	0.14	mg	Supplier	Tin (Sn)	7440-31-5		0.14	mg
Wire Bond - Au	0.01	mg	Supplier	Gold (Au)	7440-57-5		0.01	mg