ASSOCIATION CONNECTING ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® international and Par	PC. Bannockl	ourn, Illinois, A	ll rights reserved utions.	under both	This docume level parts, t	ent is a declaration entities the declaration entities and the declaration entities and the declaration entities and the declaration entities are an entities and the declaration entities are an entities and the declaration entities are an entite are an entities are an entities are an entite are	on of the su compasses	bstances v all lower	within the manufactu level materials for w	rer listed i hich the n	tem. Note: nanufacture	if the item is an as or has engineering	sembly with low responsibility.
	21.1 IPC Web Site for Information on IPC-1752 Standard Form			Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					als and Mfg Information			
Supplier Information													
Company name*			Company unique ID			Unique ID Authority				Response Date*			
isemi								2023-06-08					
Contact Name	tact Name Title - Contact					Phone - Contact*				Email - Contact*			
Product-Env-Stewards Product Enviro Comp			Compliance		NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Representative			entative		Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product E			uct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Requester Item Number	equester Item Number Mfr Item		n Number Mfr Item Name			Effective Date Version Manufacturing S		Ianufacturing Site	,	Weight*	UOM	Unit Type	
	NCV973	V97311MW33R2G MPS Lite				2023-06-08		P	PH1		73.89	mg	Each
Anufacturing Proccess Informa	tion												
Terminal Plating / Grid Array M	aterial 7	1 Terminal Base Alloy J		J-STD-020 MSI	L Rating	Peak Proce	ess Body Temperature Max Time at Peak		Temperat	ure Num	ber of Reflow Cyc	les	
Matte Tin (Sn) - annealed CU Alloy		CU Alloy		1		260		С	30	secon	ds 3		
omments													
vel 1 - maximum time at peak temperatu	ure during so	ldering is 10-3) seconds										
or more information regarding material	composition	please refer to	page 3										

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).										
cadmium, hexavalentchromium, polybrominate contains a RoHS restricted substance inexcess encompass all such components. Supplier certif as of the date that Supplier completes this form Company acknowledges that Supplier may hav independently verified information provided by certification in this paragraph. If the Company a	ed biphenyls and/or polybrominated dip of an applicable quantity limit, please ir ies that it gathered the information it pro- .Supplier acknowledges that Company e relied on informationprovided by othe y others, Supplier agrees that, at a minin and the Supplier enter into a written agre pource of the Supplier's liability and the	henyl ethers (each a " ndicate below which, i ovides in this form us will rely on this certifiers in completing this num, itssuppliers have eement with respect to Company's remedies	RoHS restricted substance") in exce if any, RoHS exemption you believe ing appropriate methods to ensure if ication in determining the complian form, and that Supplier may not have e provided certifications regarding the to the identified part, the terms and cc for issues that arise regarding inform	ce of its products with European Union membe	ove. If a homogeneous material within the part er level components, the declaration shall l correct to the best of its knowledge and belief, r state laws that implement the RoHS Directive. wever, in situations where Supplier has not tions are at least as comprehensive as the anty rights and/or remedies provided as part of						
RoHS Declaration * 1 - Item(s)	does not contain RoHS restricted substa	Supplier Acceptance	* Accepted								
Exemption: If the declared item does not con applicable exemptions.	ntain RoHS restricted substances per	the definition above	except for defined RoHS exempti	ons, then select the corresponding response i	n the RoHS Declaration above and choose all						
Exemption List Version	EL-2011/534/EU										
Declaration Signature											
Instructions: Complete all of the required fin Requester) and click on Submit Form to have	elds on all pages of this form. Select the form returned to the Requester	he "Accepted" on th	e Supplier Acceptance drop-down	. This will display the signature area. Digital	lly sign the declaration (if required by the						
Supplier Digital Signature Ra	stislav Drska	Le									

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.

Iomogeneous Material Weight U		Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	5.25	mg	Supplier	Silicon (Si)	7440-21-3		5.25	mg
Die Attach	0.26	mg	Supplier	Silver (Ag)	7440-22-4		0.195	mg
			Supplier	Epoxy resins	129915-35-1		0.065	mg
Lead Frame	30.4	mg	Supplier	Silver (Ag)	7440-22-4		1.6416	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0365	mg
			Supplier	Iron (Fe)	7439-89-6		0.7144	mg
			Supplier	Copper (Cu)	7440-50-8		27.9984	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0091	mg
Mold Compound-Black	34.66	mg		Epoxy resin	proprietary data		1.629	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		3.466	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0347	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		27.9013	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		1.629	mg
Plating	3.09	mg	Supplier	Tin (Sn)	7440-31-5		3.09	mg
Wire Bond - Au	0.23	mg	Supplier	Gold (Au)	7440-57-5		0.23	mg

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).