ASSOCIATION CONNECTING ELECTROMICS INDUSTRIES® international and Pan-Ame	annockburn, Illinois.	All rights reserved u	under both	This docume level parts, tl	ent is a declaration er	n of the sub compasses a	stances w all lower l	ithin the manufactur evel materials for w	er listed ite hich the ma	m. Note: i inufacture	if the item is an as r has engineering	sembly with low responsibility.
52.21.1 IPC Web Site for Information on IPC-1752 Standard Form			Form Type * Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information								
upplier Information												
Company name* Company unique ID				Unique ID Authority				Response Date*				
nsemi									2023-06-08			
Contact Name	Title - Contact			[]	Phone - Contact*				Email - Contact*			
oduct-Env-Stewards Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
uthorized Representative* Title - Representative				Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product Enviro Com			Compliance		NA			Product-Env-Stewards@onsemi.com				
Requester Item Number N	Ifr Item Number	Mfr Item Name			Effective Date	Version	Ma	anufacturing Site	V	eight*	UOM	Unit Type
N	/MQA20VT1G	QA20VT1G SC-74 6 EUT SNGL			2023-06-08	CN1		N1	1	3.43	mg	Each
Ianufacturing Proccess Information		·			-							
Terminal Plating / Grid Array Material	Terminal Base Alloy J-S		J-STD-020 MSL	Rating	Peak Process Body Temperatu		nperature	ure Max Time at Peak Tempera		re Numb	ber of Reflow Cyc	les
Matte Tin (Sn) - annealed CU Alloy			1		260		С	30	second	s 3		
omments												
vel 1 - maximum time at peak temperature du	ring soldering is 10-	30 seconds										
or more information regarding material comp	osition please refer	o 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), Disobutyl 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 v 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	on above	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.

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	0.67	mg	Supplier	Silicon (Si)	7440-21-3		0.67	mg
Lead Frame	2.55	mg	В	Nickel (Ni)	7440-02-0		0.9664	mg
			Supplier	Iron (Fe)	7439-89-6		1.3362	mg
			Supplier	Copper (Cu)	7440-50-8		0.2473	mg
Mold Compound-Black	10.0	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		1	mg
			Supplier	Carbon Black (C)	1333-86-4		0.05	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		1.45	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		6.5	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		1	mg
Plating	0.13	mg	Supplier	Tin (Sn)	7440-31-5		0.13	mg
Wire Bond - Cu	0.08	mg	Supplier	Copper (Cu)	7440-50-8		0.08	mg