ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INTERNATION OF A CONNECTING INDUSTRIES INDUSTRIES®	burn. Illinois. All ri	ights reserved un	Ider both	This docume evel parts, th	ent is a declaration ne declaration er	on of the su	bstances v all lower	vithin the manufactur level materials for w	er listed ite hich the m	em. Note: i anufacture	if the item is an as r has engineering	sembly with lower responsibility.	
IPC Web Site for Information on IPC-1752 Standard Form Ty			Form Type * Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information									
Supplier Information													
Company name* Company unique ID				Unique ID Authority				Response Date*					
semi										2023-06-08			
Contact Name	Title - Contact			I	Phone - Contact*				Email - Contact*				
Product-Env-Stewards	duct-Env-Stewards Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
uthorized Representative* Title - Representative				I	Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product Enviro Compliance					NA				Product-Env-Stewards@onsemi.com				
Requester Item Number Mfr Iter	n Number Mi	Mfr Item Name			Effective Date	Version	М	lanufacturing Site	v	/eight*	UOM	Unit Type	
NCV70 G	0628MW001R2 LIN2.2 Step. Driver		er		2023-06-08 PHO		PHG		3.89	mg	Each		
Manufacturing Proccess Information													
Terminal Plating / Grid Array Material	Cerminal Base Alloy J-STD-020		STD-020 MSL	Rating	Peak Proce	Process Body Temperat		ure Max Time at Peak Temper		re Num	ber of Reflow Cyc	les	
Matte Tin (Sn) - annealed CU Alloy 1				260		С	30	second	s 3				
Comments													
level 1 - maximum time at peak temperature during so	dering is 10-30 se	econds											
For more information regarding material composition	please refer to pa	ige 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 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	ances per the definitio	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.

Homogeneous Material Weight Unit of Mea		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 3	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	Supplier	Silica Amorphous (SiO2)	7631-86-9		2.7728	mg
			Supplier	Carbon Black (C)	1333-86-4		0.1733	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.6932	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		27.2081	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		2.7728	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		1.0398	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).