ABSOCIATION CONNECTING ELECTRODUCES INDUSTRIES® INDUSTRIES® INTERNATIONAL AND ADDRESS	IPC, Bannock	burn, Illinois. A	ll rights reserved un tions.	nder both	This docum level parts, t	ent is a decla the declaration	aration of th	he substances asses all lowe	within the ma er level materia	nufacturer list als for which t	ed item. ne manut	Note: if th acturer ha	e item is an ass s engineering r	embly with lower esponsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					als and Mfg Information				
Supplier Information															
Company name*			Company unique ID			Unique ID Authority					Response Date*				
onsemi												2023-06-12			
Contact Name Tit			Title - Contact			Phone - Contact*					Email - Contact*				
Product-Env-Stewards	Product Envir	Product Enviro Compliance			NA				Pro	Product-Env-Stewards@onsemi.com					
Authorized Representative*	Title - Repres	Title - Representative			Phone - Representative*				Ema	Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance				NA				Pro	Product-Env-Stewards@onsemi.com					
Requester Item Number	Mfr Iter	n Number	Mfr Item Name			Effective D	Date Vers	ion	Manufacturing Site		Weig	ht*	UOM	Unit Type	
	MC74V	MC74VHC595DTR2G SHIFT		SHIFT REGISTER 3-STATE		2023-06-12	2		PH1		45.4		mg	Each	
Manufacturing Proccess Informa	ation		1								- <b>I</b>		1	1	
Terminal Plating / Grid Array M	Iaterial '	Ferminal Base A	Alloy J	J-STD-020 MSL Rating		Peak Process Body Te		ly Temperatu	erature Max Time at Peak To		emperature Number of Reflow Cycles		es		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		l		260		C	30 seco		conds 3				
Comments															
evel 1 - maximum time at peak temperat	ure during so	dering is 10-3	0 seconds												
or more information regarding materia	l 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), 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 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 co 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.

	cable [E] enter the weigh			ance category (JIG or Requester) or enter [F] Optionally enter the positive (+) ar				
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	2.0	mg	Supplier	Silicon (Si)	7440-21-3		2	mg
Die Attach	1.32	mg	Supplier	Silver (Ag)	7440-22-4		0.99	mg
			Supplier	Epoxy resins	129915-35-1		0.33	mg
Lead Frame	20.76	mg	Supplier	Iron (Fe)	7439-89-6		0.3944	mg
			Supplier	Copper (Cu)	7440-50-8		20.3656	mg
Mold Compound-Black	19.0	mg		Epoxy Phenol Resin	proprietary data		1.995	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		17.005	mg
Plating	2.12	mg	Supplier	Palladium (Pd)	7440-05-3		0.1611	mg
			В	Nickel (Ni)	7440-02-0		1.9292	mg
			Supplier	Gold (Au)	7440-57-5		0.0297	mg
Wire Bond - Au	0.2	mg	Supplier	Gold (Au)	7440-57-5		0.2	mg