ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INDUSTRIES®	burn, Illinois. Al	ll rights reserved u tions.	nder both	This docume level parts, t	ent is a declara he declaration	tion of the s encompass	substances es all lowe	within the manufactu er level materials for w	rer listed i	tem. Note: i nanufacture	f the item is an as r has engineering	sembly with lower responsibility.	
1752-21.1 IPC Web Site for Information on http://www.ipc.org/IPC-175x	IPC Web Site for Information on IPC-1752 Standard Form Ty http://www.ipc.org/IPC-175x Distribut				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				ials and M	als and Mfg Information			
Supplier Information													
Company name* Company unique ID				Unique ID Authority				Response Date*					
onsemi	emi								2023-06-08				
Contact Name	Title - Contact			1	Phone - Contact*				Email - Contact*				
Product-Env-Stewards	v-Stewards Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com					
uthorized Representative* Title - Representative				Phone - Representative*				Email - Representative*					
Product-Env-Stewards Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
Requester Item Number Mfr Ite	m Number	Mfr Item Name		· · · ·	Effective Dat	e Version	1	Manufacturing Site		Weight*	UOM	Unit Type	
NCV7 G	70624DW010R2 I2C STEPPER DI		RIVER, STALL		2023-06-08 PHG		PHG		581.96	mg	Each		
Manufacturing Proccess Information													
Terminal Plating / Grid Array Material	Terminal Base Alloy		J-STD-020 MSL	Rating	Peak Pro	ocess Body Temperature Max Time at Peak		Temperature Number of Reflow Cycles		cles			
Matte Tin (Sn) - annealed CU Alloy		2		260		С	30	secor	nds 3				
Comments													
ATTENTION: MSL 2 Rated item requires Dry Pack	(after electrical	test)											
For more information regarding material compositio	n 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 by that the (DEHP), 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 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.

				ance category (JIG or Requester) or enter a [F] Optionally enter the positive (+) and n				
sigma range of distribution unless					loguitte () toterance in per	cent (110te: percer		
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	9.99	mg	Supplier	Silicon (Si)	7440-21-3		9.99	mg
Die Attach	2.58	mg	Supplier	Silver (Ag)	7440-22-4		1.935	mg
			Supplier	Epoxy resins	129915-35-1		0.645	mg
Lead Frame 18	186.36	mg	Supplier	Zinc (Zn)	7440-66-6		0.1864	mg
			Supplier	Iron (Fe)	7439-89-6		4.2863	mg
			Supplier	Copper (Cu)	7440-50-8		181.701	mg
			Supplier	Phosphorus (P)	7723-14-0		0.1864	mg
Mold Compound-Black	378.51	mg		Epoxy resin	proprietary data		18.9255	mg
				Phenolic Resin	Proprietary Data		18.9255	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		7.5702	mg
			Supplier	Carbon Black (C)	1333-86-4		1.8925	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		331.1963	mg
Plating	3.7	mg	Supplier	Tin (Sn)	7440-31-5		3.7	mg
Wire Bond - Au	0.82	mg	Supplier	Gold (Au)	7440-57-5		0.82	mg