ASSOCIATION CONNECTING LECTRONICS INDUSTRIES® INFORMATION CONNECTING	Dosition De IPC, Bannock	claration burn, Illinois. A opyright conver	ll rights reserved untions.	under both									if the item is an as r has engineering		
	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				e *	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					ials and Mfg Information				
upplier Information															
Company name* Com			Company unique ID			Unique ID Authority					Response Date*				
nsemi											2023-06-08				
Contact Name Title - Contact				Ph			Phone - Contact*				Email - Contact*				
Product-Env-Stewards Product Er			oduct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com					
Authorized Representative* Title - Representative			sentative	ve !		Phone - Representative*				Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com						
Requester Item Number			Number Mfr Item Name			Effective Da	ate Ve	rsion	Manufacturing Site		W	'eight*	UOM	Unit Type	
	NCV742	NCV7420D21R2G LIN tran		N transceiver		2023-06-08 PHG			136.76		mg	Each			
Ianufacturing Proccess Informa	ntion					·							1	ł	
Terminal Plating / Grid Array M	laterial [Ferminal Base	Alloy	J-STD-020 MS	SL Rating	Peak Pr	Peak Process Body Temperat		ture Max Time at Peak Tempe		Temperatu	ature Number of Reflow Cycles			
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 3		3		260		C	30		second	seconds 3			
omments															
TTENTION: MSL 3 Rated item require	es Bake and I	Dry Pack (after	electrical test)												
or more information regarding material	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), 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 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	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 Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	3.06	mg	Supplier	Silicon (Si)	7440-21-3		3.06	mg
Die Attach	0.85	mg		Epoxy resin	proprietary data		0.0425	mg
			Supplier	Poly(oxypropylene)diamine	9046-10-0		0.017	mg
			Supplier	Copper(II) Oxide (CuO)	1317-38-0		0.0255	mg
			Supplier	Fatty acids, C18-unsatd., dimers, polymers with epichlorhydrin	68475-94-5		0.0255	mg
			Supplier	Silver (Ag)	7440-22-4		0.697	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.0425	mg
Lead Frame	50.98	mg	Supplier	Zinc (Zn)	7440-66-6		0.0612	mg
			Supplier	Iron (Fe)	7439-89-6		1.198	mg
			Supplier	Copper (Cu)	7440-50-8		49.7055	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0153	mg
Mold Compound-Black	81.06	mg		Epoxy resin	proprietary data		4.053	mg
			Supplier	Phenolic Resin	Proprietary Data		1.6212	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		2.0265	mg
			Supplier	Carbon Black (C)	1333-86-4		0.4053	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		72.954	mg
Plating	0.34	mg	Supplier	Palladium (Pd)	7440-05-3		0.017	mg
			В	Nickel (Ni)	7440-02-0		0.306	mg
			Supplier	Gold (Au)	7440-57-5		0.017	mg
Wire Bond - Au	0.47	mg	Supplier	Gold (Au)	7440-57-5		0.47	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).