ASSOCIATION CONNECTING ELECTROMICS INDUSTRIES® International and Pan	C. Bannockł	ourn, Illinois, A	ll rights reserved unitions.	under both	This docume level parts, t	ent is a declarati the declaration e	on of the su	bstances v s all lower	vithin the manufactu level materials for v	rer listed which the r	item. Note: nanufacture	if the item is an as r has engineering	sembly with low responsibility.	
	.1 IPC Web Site for Information on IPC-1752 Standard Form Ty http://www.ipc.org/IPC-175x Distribu				*	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials					ls and Mfg Information			
upplier Information														
Company name*	Company uni	Company unique ID			Unique ID Authority				Respon	Response Date*				
nsemi							2024-0			2024-04	24-04-24			
Contact Name	act Name Title - Contact				Phone - Contact*				Email -	Email - Contact*				
Product-Env-Stewards Product En			t Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - R			le - Representative			Phone - Representative*			Email -	Email - Representative*				
Product-Env-Stewards Pro			Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item	n Number	Mfr Item Name			Effective Date	ive Date Version Manufacturing Site		lanufacturing Site		Weight*	UOM	Unit Type	
	NCL310	NCL31000MNSTWG Intelligent LF		ED Driver - SPI version		2024-04-24		PI	PHG		153.01	mg	Each	
Ianufacturing Proccess Informat	ion		-											
Terminal Plating / Grid Array Ma	terial 7	al Terminal Base Alloy		J-STD-020 MSL Rating		Peak Process Body Temperatu		emperature	ure Max Time at Peak Temper		ture Num	ber of Reflow Cyc	les	
Matte Tin (Sn) - annealed CU Alloy		CU Alloy	3			260 C		С	30 seco		seconds 3			
omments														
TTENTION: MSL 3 Rated item requires	Bake and D	Dry Pack (after	electrical test)											
or more information regarding material o	composition	please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed					
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		nium (Cr6+), Polybro	ominated Biphenyls (PBB), Polybron	dmium and quantity limit of 0.1% by mass (100 minated Diphenyl Ethers (PBDE), and Bis(2-eth						
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 contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.										
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.										
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 Measur
Die	6.69	mg	Supplier	Silicon (Si)	7440-21-3		6.69	mg
Die Attach	2.74	mg	Supplier	Isobornyl Methacrylate	7534-94-3		0.1644	mg
			Supplier	Silver (Ag)	7440-22-4		2.2331	mg
			Supplier	Isobornyl Acrylate	5888-33-5		0.1644	mg
			Supplier	Misc.	Proprietary Data		0.0137	mg
			Supplier	Tricyclo[5.2.1.02,6]decanedimethanol Diacrylate (C18H24O4)	42594-17-2		0.1644	mg
Lead Frame 82	82.15	mg	Supplier	Zinc (Zn)	7440-66-6		0.0822	mg
			Supplier	Iron (Fe)	7439-89-6		1.8895	mg
			Supplier	Copper (Cu)	7440-50-8		80.0963	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0821	mg
Mold Compound-Black	56.04	mg	Supplier	Epoxy resins	129915-35-1		2.802	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		2.802	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2242	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		1.2889	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		47.634	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		1.2889	mg
Plating	3.32	mg	Supplier	Tin (Sn)	7440-31-5		3.32	mg
Wire Bond - Au	2.07	mg	Supplier	Gold (Au)	7440-57-5		2.07	mg