ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and Pa	IPC, Bannock	burn, Illinois. A	ll rights reserved u ntions.	under both	This docume level parts, t	ent is a declar the declaratio	ration on encor	of the substat mpasses all l	nces w lower l	ithin the man evel material	ufacturer s for whic	listed iten ch the man	n. Note: if ufacturer	the item is an as has engineering	ssembly with low responsibility.
	IPC Web Site for Information on IPC-1752 Standard Form Tyj http://www.ipc.org/IPC-175x Distribute				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mate					Materials	rials and Mfg Information				
upplier Information															
Company name*	Company un	Company unique ID			Unique ID Authority					F	Response Date*				
nsemi											2	2024-05-18			
Contact Name	Title - Conta	Title - Contact			Phone - Contact*					I	Email - Contact*				
Product-Env-Stewards	Product Enviro Compliance				NA]	Product-Env-Stewards@onsemi.com				
authorized Representative*	Title - Representative			Phone - Representative*				I	Email - Representative*						
Product-Env-Stewards	Product Enviro Compliance				NA]	Product-Env-Stewards@onsemi.com					
Requester Item Number	Mfr Iter	n Number	Mfr Item Name			Effective Da	ate V	rsion	Ma	Manufacturing Site		We	ight*	UOM	Unit Type
	NCV70	627DQ001G	LIN STEPPER DRIVER, STALL		L	2024-05-18			BF	BE4		515	.45	mg	Each
Ianufacturing Proccess Informa	ation									-				1	
Terminal Plating / Grid Array M	Iaterial '	Terminal Base	Alloy	J-STD-020 MSL		Peak Process Boo		Body Tempe	dy Temperature Max Time at Peal		at Peak Te	Temperature Number of Re		er of Reflow Cyc	eles
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 2		2		260		С		30		seconds	3		
omments															
TTENTION: MSL 2 Rated item requir	es Dry Pack (after electrical	test)												
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	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 Measure
Die	15.99	mg	Supplier	Silicon (Si)	7440-21-3		15.99	mg
Die Attach	2.86	mg	Supplier	Organic peroxide	3006-86-8		0.0214	mg
			Supplier	Diluent B	Proprietary Data		0.143	mg
			Supplier	Diluent A	Proprietary Data		0.1144	mg
			Supplier	Dicyandiamine	461-58-5		0.0071	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		2.288	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.286	mg
Lead Frame	172.4	mg	Supplier	Zinc (Zn)	7440-66-6		0.1724	mg
			Supplier	Iron (Fe)	7439-89-6		3.9652	mg
			Supplier	Copper (Cu)	7440-50-8		168.09	mg
			Supplier	Phosphorus (P)	7723-14-0		0.1724	mg
Mold Compound-Black	322.04	mg		Epoxy resin	proprietary data		16.102	mg
			Supplier	Phenolic Resin	Proprietary Data		6.4408	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		8.051	mg
			Supplier	Carbon Black (C)	1333-86-4		1.6102	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		289.836	mg
Plating	1.62	mg	Supplier	Palladium (Pd)	7440-05-3		0.08	mg
			В	Nickel (Ni)	7440-02-0		1.4599	mg
			Supplier	Gold (Au)	7440-57-5		0.08	mg
Wire Bond - Au	0.54	mg	Supplier	Gold (Au)	7440-57-5		0.54	mg