ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INDUSTRIES® INTERNATIONAL AND ADDRESS	annockburn, Illinois. A	Il rights reserved un ntions.	nder both	This docume level parts, t	ent is a declaration	ion of the su encompasse	ubstances s all lower	within the manufactur level materials for w	rer listed i hich the n	tem. Note: if nanufacturer	f the item is an as has engineering	sembly with lower responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form T http://www.ipc.org/IPC-175x Distribution			* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				als and Mfg Information					
Supplier Information													
Company name* Company unique ID			D Unic			Unique ID Authority				Response Date*			
ısemi									2023-06-08				
tact Name Title - Contact				1	Phone - Contact*				Email - Contact*				
oduct-Env-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 Item Number	Mfr Item Name		· · ·	Effective Date	e Version	N	Manufacturing Site		Weight*	UOM	Unit Type	
1	NCN5120MNTWG KNX TR 2 D		DC CONVERTORS		2023-06-08		Р	PHG		118.43	mg	Each	
Manufacturing Proccess Information							·		·				
Terminal Plating / Grid Array Material	Array Material Terminal Base Alloy		-STD-020 MSL	SL Rating Peal		Process Body Temperature Max Time at Peak		Temperature Number of Reflow Cycles					
Matte Tin (Sn) - annealed CU Alloy		3	3		260		С	30	secon	ds 3			
Comments													
ATTENTION: MSL 3 Rated item requires Bak	e and Dry Pack (afte	electrical test)											
For more information regarding material comp	position 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 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	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	4.86	mg	Supplier	Silicon (Si)	7440-21-3		4.86	mg
Die Attach	1.15	mg	Supplier	Epoxized Condensate Of Para- Hydrobenzaldehyde And Alkyl Phenol	129915-35-1		0.23	mg
			Supplier	Silver (Ag)	7440-22-4		0.92	mg
Lead Frame	50.35	mg	Supplier	Silver (Ag)	7440-22-4		1.007	mg
			Supplier	Tin (Sn)	7440-31-5		0.1259	mg
			Supplier	Zinc (Zn)	7440-66-6		0.1108	mg
			Supplier	Chromium (Cr)	7440-47-3		0.1259	mg
			Supplier	Copper (Cu)	7440-50-8		48.9805	mg
Mold Compound-Black	59.83	mg		Epoxy resin	proprietary data		2.812	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		5.983	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0598	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		48.1632	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		2.812	mg
Plating	1.44	mg	Supplier	Tin (Sn)	7440-31-5		1.44	mg
Wire Bond - Au	0.8	mg	Supplier	Gold (Au)	7440-57-5		0.8	mg