ASSOCIATION CONNECTING ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES®	ourn, Illinois, All rights reserved up	nder both Ievel parts	ment is a declaration, the declaration en	n of the substance compasses all low	es within the manufacture ver level materials for wh	er listed item. Note: if hich the manufacturer	the item is an as has engineering	sembly with lower responsibility.	
-21.1 IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute			* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information						
Supplier Information									
mpany name* Company unique ID			Unique ID Authority			Response Date*			
onsemi					2023-06-08				
Contact Name	Title - Contact		Phone - Contact*			Email - Contact*			
oduct-Env-Stewards Product Enviro Compliance			NA			Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Representative			Phone - Representative*			Email - Representative*			
Product-Env-Stewards Product Enviro Complian		ance NA				Product-Env-Stewards@onsemi.com			
Requester Item Number Mfr Item	Number Mfr Item Name	Mfr Item Name		Version	Manufacturing Site	Weight*	UOM	Unit Type	
NUS553	0MNR2G INTEGRATED P	OWER BJT WITH	2023-06-08		MY1	30.0	mg	Each	
Manufacturing Proccess Information			·		•				
Terminal Plating / Grid Array Material T	Ferminal Base Alloy J	-STD-020 MSL Rating	Peak Process Body Temperature Max Tin		ure Max Time at Peak	Temperature Number	er of Reflow Cyc	cles	
Matte Tin (Sn) - annealed CU Alloy 1		l	260	С	30	seconds 3			
Comments									
evel 1 - maximum time at peak temperature during sol	Idering is 10-30 seconds								
For more information regarding material 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 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	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.

	cable [E] enter the weigh			ance category (JIG or Requester) or enter [F] Optionally enter the positive (+) and				
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.3	mg	Supplier	Silicon (Si)	7440-21-3		0.3	mg
Die Attach	0.79	mg	Supplier	Silver (Ag)	7440-22-4		0.5925	mg
			Supplier	Epoxy resins	129915-35-1		0.1975	mg
Lead Frame 1	12.41	mg	Supplier	Silver (Ag)	7440-22-4		2.4448	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0124	mg
			Supplier	Iron (Fe)	7439-89-6		0.1861	mg
			Supplier	Copper (Cu)	7440-50-8		9.7667	mg
Mold Compound-Black	15.0	mg		Epoxy resin	proprietary data		1.05	mg
			Supplier	Phenolic Resin	Proprietary Data		1.05	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		2.25	mg
			Supplier	Carbon Black (C)	1333-86-4		0.075	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		10.575	mg
Plating	0.6	mg	Supplier	Tin (Sn)	7440-31-5		0.6	mg
Wire Bond - Au	0.9	mg	Supplier	Gold (Au)	7440-57-5		0.9	mg