ASSOCIATION CONNECTING ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES International and Pan-A	, Bannockt	urn, Illinois. A	ll rights reserved utions.	under both	This docum level parts, t	ent is a declara	tion of the encompass	substances es all lowe	within the r er level mate	nanufacture rials for wh	er listed ite nich the ma	m. Note: nufactur	if the item is an as er has engineering	ssembly with low responsibility.
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribut				*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					als and Mfg Information			
Supplier Information														
Company name* Company			ny unique ID			Unique ID Authority					Response Date*			
onsemi											2023-06-08			
Contact Name	act Name Title - Contact				Phone - Contact*				Email - Contact*					
Product-Env-Stewards Product Enviro			iro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Represent			entative		Phone - Representative*			Email - Representative*						
Product-Env-Stewards Product Er			ct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	ber Mfr Item Number		iber Mfr Item Name			Effective Da	e Versior	1	Manufacturing Site		W	eight*	UOM	Unit Type
	NCP811	NCP81151BMNTBG VR12.5 MC		OSFET DRIVER		2023-06-08			TH6		7.	13	mg	Each
Aanufacturing Proccess Information	on													
Terminal Plating / Grid Array Mate	ninal Plating / Grid Array Material Terminal Base Alloy			J-STD-020 MS	D-020 MSL Rating Peak Process Body Ten				perature Max Time at Peak Temperature Number of Reflow Cycles					cles
Matte Tin (Sn) - annealed CU Alloy				1		260		С	30		second	3		
omments														
vel 1 - maximum time at peak temperature	e during sol	dering is 10-3	0 seconds											
or more information regarding material co	mposition	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	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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	0.49	mg	Supplier	Silicon (Si)	7440-21-3		0.49	mg	
Die Attach	0.09	mg	Supplier	Silver (Ag)	7440-22-4		0.0675	mg	
			Supplier	Epoxy resins	129915-35-1		0.0225	mg	
Lead Frame 3	3.51	mg	Supplier	Silver (Ag)	7440-22-4		0.0351	mg	
			Supplier	Tin (Sn)	7440-31-5		0.0088	mg	
			Supplier	Zinc (Zn)	7440-66-6		0.0077	mg	
			Supplier	Chromium (Cr)	7440-47-3		0.0088	mg	
			Supplier	Copper (Cu)	7440-50-8		3.4496	mg	
Mold Compound-Black	2.69	mg		Epoxy resin	proprietary data		0.1264	mg	
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.269	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.0027	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		2.1655	mg	
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.1264	mg	
Plating	0.29	mg	Supplier	Tin (Sn)	7440-31-5		0.29	mg	
Wire Bond - Cu	0.06	mg	Supplier	Copper (Cu)	7440-50-8		0.06	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).