ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and Pan-	C, Bannockt	ourn, Illinois. A	ll rights reserved to the second s	under both Iev	nis docume vel parts, tl	ent is a declara he declaration	tion of the s encompasse	substances es all lowe	within the manu r level materials	facturer liste for which th	d item. Note e manufactu	e: if the item is an a rer has engineering	ssembly with low responsibility.
	IPC Web Site for Information on IPC-1752 Standard Form http://www.ipc.org/IPC-175x Distri								Aaterials and	ials and Mfg Information			
Supplier Information													
Company name*	Company unique ID			ľ	Unique ID Authority					Response Date*			
onsemi								2023-	2023-06-08				
Contact Name	act Name Title - Contact				Phone - Contact*				Emai	Email - Contact*			
Product-Env-Stewards Product Enviro Co			o Compliance		NA			Prod	Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Repres			esentative		Phone - Representative*			Emai	Email - Representative*				
Product-Env-Stewards	Product Enviro Compliance				NA				Prod	Product-Env-Stewards@onsemi.com			
Requester Item Number	Requester Item Number Mfr Iten		n Number Mfr Item Name			Effective Dat	e Version		Manufacturing Site		Weight*	UOM	Unit Type
	NCV813 G	SCV8133BMX080TC 500mA VLDO B option, Vout=0.8		Bias Rail CMOS Vre	eg, HZ	2023-06-08 MY		MY1	¥1		mg	Each	
Aanufacturing Proccess Informat	ion												
Terminal Plating / Grid Array Mat	ng / Grid Array Material Terminal Base Alloy		J-STD-020 MSL R	ating	Peak Process Body Temperature Max Time at			Peak Tempe	ak Temperature Number of Reflow Cycles				
Matte Tin (Sn) - annealed CU Alloy			1		260		C	30	sec	conds 3			
omments													
vel 1 - maximum time at peak temperatu	re during so	ldering is 10-3	0 seconds										
or more information regarding material o	omposition	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 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 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	0.09	mg	Supplier	Silicon (Si)	7440-21-3		0.09	mg	
Die Attach	0.03	mg	Supplier	Silver (Ag)	7440-22-4		0.0225	mg	
			Supplier	Epoxy resins	129915-35-1		0.0075	mg	
Lead Frame	0.82	mg	Supplier	Silver (Ag)	7440-22-4		0.0328	mg	
			Supplier	Tin (Sn)	7440-31-5		0.0021	mg	
			Supplier	Zinc (Zn)	7440-66-6		0.0018	mg	
			Supplier	Chromium (Cr)	7440-47-3		0.0021	mg	
			Supplier	Copper (Cu)	7440-50-8		0.7813	mg	
Mold Compound-Black	0.88	mg		Epoxy resin	proprietary data		0.0616	mg	
			Supplier	Phenolic Resin	Proprietary Data		0.0616	mg	
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.132	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.0044	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		0.6204	mg	
Plating	0.02	mg	Supplier	Tin (Sn)	7440-31-5		0.02	mg	
Wire Bond - Au	0.03	mg	Supplier	Gold (Au)	7440-57-5		0.03	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).