Association connecting Decremonics industries Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.					This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.									
				Form Type * Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				als and Mfg Information					
Supplier Information														
Company name*	Company unique ID			1	Unique ID Authority				Response Date*					
onsemi											2022-02-11			
Contact Name	Contact Name Title - Contact				Phone - Contact*				Email - Contact*					
Product-Env-Stewards Produ			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized 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		nber Mfr Item Name			Effective Date	Version	N	Manufacturing Site		Weight*	UOM	Unit Type	
	NCV816 G	NCV8163ASN120T1 G LDO 250 mA A and High PSRR		0 1.2V, Ultra-Low n TSOP-5	Noise	2022-02-11 MY1		ſY1	:	14.08	mg	Each		
Manufacturing Proccess Informati	on													
Terminal Plating / Grid Array Mat	Terminal Plating / Grid Array Material Terminal Base Alloy		Alloy	J-STD-020 MSL R	Rating	Peak Proc	ess Body Ter	mperature	e Max Time at Peak	Temperat	ure Numb	er of Reflow Cyd	eles	
Matte Tin (Sn) - annealed CU Alloy				1		260		С	30	secon	ds 3			
Comments														
level 1 - maximum time at peak temperatur	e during so	Idering is 10-3	0 seconds											
For more information regarding material c	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), 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 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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material Weight		Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	0.42	mg	Supplier	Silicon (Si)	7440-21-3		0.42	mg	
Die Attach	0.11	mg	Supplier	Silver (Ag)	7440-22-4		0.0825	mg	
			Supplier	Epoxy resins	129915-35-1		0.0275	mg	
Lead Frame	5.78	mg	Supplier	Silver (Ag)	7440-22-4		0.0705	mg	
			Supplier	Zinc (Zn)	7440-66-6		0.0069	mg	
			Supplier	Iron (Fe)	7439-89-6		0.1358	mg	
			Supplier	Copper (Cu)	7440-50-8		5.565	mg	
			Supplier	Phosphorus (P)	7723-14-0		0.0017	mg	
Mold Compound-Black	7.34	mg		Phenolic Resin	proprietary data		0.367	mg	
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.1468	mg	
			Supplier	Epoxy Phenol Resin	Proprietary Data		0.367	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.0367	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		6.4225	mg	
Plating	0.39	mg	Supplier	Tin (Sn)	7440-31-5		0.39	mg	
Wire Bond - Au	0.04	mg	Supplier	Gold (Au)	7440-57-5		0.04	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).