ASSOCIATION CONNECTING ALECTRONICS INDUSTRIES® International and Pa	IPC. Bannockt	ourn. Illinois. A	Il rights reserved untions.	nder both	This docume level parts, t	ent is a declaration en	n of the substan compasses all le	ces within the manufactu ower level materials for w	rer listed ite which the m	em. Note: if anufacturer	f the item is an as has engineering	sembly with low responsibility.	
				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information					on			
Supplier Information													
Company name* Company			any unique ID			Unique ID Authority				Response Date*			
onsemi								2024-05-10					
ontact Name Title - Contact					Phone - Contact*				Email - Contact*				
Product-Env-Stewards Product Enviro Co			o Compliance		NA			Product-Env-Stewards@onsemi.com					
Authorized Representative* Title - Representati			entative		Phone - Representative*			Email - Representative*					
Product-Env-Stewards Produc			roduct Enviro Compliance			NA			Product-Env-Stewards@onsemi.com				
Requester Item Number	er Item Number Mfr Item Number		Imber Mfr Item Name		· · ·	Effective Date	Version	Manufacturing Site		/eight*	UOM	Unit Type	
	NCV844	NCV8445DR2G 60mOhm HS Sm		urtFET		2024-05-10 PH1		7	2.0	mg	Each		
Aanufacturing Proccess Informa	ntion							·					
Terminal Plating / Grid Array M	erminal Plating / Grid Array Material Terminal Base Alloy		Alloy J	-STD-020 MSI	L Rating	Peak Proce	ss Body Temper	ature Max Time at Peak	Temperatu	re Numb	er of Reflow Cyc	les	
Matte Tin (Sn) - annealed CU Alloy 3			3		260	С	30	second	s 3				
omments													
TTENTION: MSL 3 Rated item requir	es Bake and D	ry Pack (after	electrical test)										
or more information regarding materia	l 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), 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 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 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	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.

				ance category (JIG or Requester) or enter a [F] Optionally enter the positive (+) and n				
sigma range of distribution unless	s otherwise noted).	it of the substance of the f		[1] Optionally enter the positive (1) and h	egative () toterance in per	cent (110te: percer	n tolerance varues are	
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	1.33	mg	Supplier	Silicon (Si)	7440-21-3		1.33	mg
Die Attach	2.4	mg	Supplier	Silver (Ag)	7440-22-4		1.8	mg
			Supplier	Epoxy resins	129915-35-1		0.6	mg
Lead Frame	37.61	mg	Supplier	Silver (Ag)	7440-22-4		0.7898	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0752	mg
			Supplier	Iron (Fe)	7439-89-6		0.9403	mg
			Supplier	Copper (Cu)	7440-50-8		35.8047	mg
Mold Compound-Black	28.58	mg		Epoxy resin	proprietary data		1.429	mg
			Supplier	Phenolic Resin	Proprietary Data		1.429	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.5716	mg
			Supplier	Carbon Black (C)	1333-86-4		0.1429	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		25.0075	mg
Plating	1.89	mg	Supplier	Tin (Sn)	7440-31-5		1.89	mg
Wire Bond - Au	0.19	mg	Supplier	Gold (Au)	7440-57-5		0.19	mg