ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® international and Par	PC. Bannockł	ourn, Illinois, A	ll rights reserved utions.	under both	This docum level parts, t	ent is a declarat	ion of the su	ibstances v s all lower	within the manufact level materials for	urer listed which the	item. Note: manufactur	: if the item is an as er has engineering	sembly with low responsibility.	
				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials an					rials and M	/Ifg Informa	ation		
Supplier Information														
Company name* Comp			ompany unique ID			Unique ID Authority				Respo	Response Date*			
nsemi							20			2023-0	2023-06-08			
ntact Name Title - Contact			t	[Phone - Contact*				Email - Contact*			
Product-Env-Stewards Product Envi			viro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Repre			sentative			Phone - Representative*				Email	Email - Representative*			
Product-Env-Stewards Product E			uct Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item	n Number	Mfr Item Name			Effective Date	te Version Manufacturing Site			Weight*	UOM	Unit Type		
	NCV850	W8509PDW25R2G ANA SEQUENC		E LNR DUAL REG		2023-06-08		P	PH1		422.02	mg	Each	
Aanufacturing Proccess Information	tion													
Terminal Plating / Grid Array Ma	terial 7	Ferminal Base A	lloy	J-STD-020 MSL Ratin		Peak Process Body Temperatu		emperature	ure Max Time at Peak Tempera		ature Nun	nber of Reflow Cyc	les	
Matte Tin (Sn) - annealed CU Alloy		CU Alloy		1			260 C		30		nds 3			
omments														
vel 1 - maximum time at peak temperatu	re during so	Idering is 10-3) seconds											
or 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	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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	5.84	mg	Supplier	Silicon (Si)	7440-21-3		5.84	mg
Die Attach	16.72	mg		Epoxy resin	proprietary data		0.418	mg
			Supplier	Silver (Ag)	7440-22-4		14.1284	mg
			Supplier	Phenolic Resin	Proprietary Data		0.418	mg
			Supplier	Inorganic filler	Proprietary Data		0.418	mg
			Supplier	Dicyandiamine	461-58-5		0.0836	mg
			Supplier	Formaldehyde Polymer	9003-36-5		1.254	mg
Lead Frame	261.87	mg	Supplier	Silver (Ag)	7440-22-4		2.8806	mg
			Supplier	Zinc (Zn)	7440-66-6		0.5237	mg
			Supplier	Iron (Fe)	7439-89-6		6.8086	mg
			Supplier	Copper (Cu)	7440-50-8		251.6571	mg
Mold Compound-Black	133.38	mg		Epoxy resin	proprietary data		6.669	mg
			Supplier	Phenolic Resin	Proprietary Data		2.6676	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		3.3345	mg
			Supplier	Carbon Black (C)	1333-86-4		0.6669	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		120.042	mg
Plating	3.83	mg	Supplier	Tin (Sn)	7440-31-5		3.83	mg
Wire Bond - Au	0.38	mg	Supplier	Gold (Au)	7440-57-5		0.38	mg