ASSOCIATION CONNECTING ELECTROMICS INDUSTRIES® international and Par	PC. Bannockl	ourn, Illinois, A	ll rights reserved untions.	under both	This docume level parts, t	ent is a declaration entries the declaration entries and t	on of the su	bstances v all lower	within the manufactule level materials for w	urer listed which the	item. Note: manufacture	if the item is an as er has engineering	sembly with low responsibility.	
				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia					rials and N	als and Mfg Information			
Supplier Information														
Company name* Con			Company unique ID			Unique ID Authority				Respon	Response Date*			
onsemi								2023-06-08						
Dontact Name Title - Contact			et		Phone - Contact*					Email - Contact*				
Product-Env-Stewards Product Enviro			riro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Represent			entative		Phone - Representative*			Email	Email - Representative*					
Product-Env-Stewards Product			roduct Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	n Number Mfr Item Nur		Number Mfr Item Name			Effective Date Version Man		Anufacturing Site		Weight*	UOM	Unit Type		
	FOD833	D8333R2V SO16 LED 2.5A C		GD T&R VDE	T&R VDE 20			PI	РВВ		417.101	mg	Each	
Ianufacturing Proccess Informa	tion							·			-			
Terminal Plating / Grid Array Ma	terial Terminal Base Alloy		Alloy	J-STD-020 MSL Rating		Peak Proce	Peak Process Body Temperate		ure Max Time at Peak Ter		ature Num	ber of Reflow Cyc	eles	
Matte Tin (Sn) - annealed CU Allo		CU Alloy	1			260 C		С	30 seco		seconds 3			
omments														
vel 1 - maximum time at peak temperatu	ire during so	ldering is 10-3	0 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), 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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	5.58	mg	Supplier	Silicon (Si)	7440-21-3		5.58	mg
Die Attach	1.336	mg	Supplier	Silver (Ag)	7440-22-4		1.07	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.266	mg
Lead Frame	121.227	mg	Supplier	Silver (Ag)	7440-22-4		0.206	mg
			Supplier	Zinc (Zn)	7440-66-6		0.145	mg
			Supplier	Iron (Fe)	7439-89-6		2.84	mg
			Supplier	Copper (Cu)	7440-50-8		118.0001	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0359	mg
Mold Compound-Black	286.449	mg	Supplier	2,6-dibromo-4-[1-(3-bromo-4- hydroxyphenyl)-1-methylethyl]phenol	6386-73-8		7.16	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		38.7001	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		5.73	mg
			Supplier	Carbon Black (C)	1333-86-4		0.859	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		233.9999	mg
Plating	1.73	mg	Supplier	Tin (Sn)	7440-31-5		1.73	mg
Wire Bond - Au	0.779	mg	Supplier	Gold (Au)	7440-57-5		0.779	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).