ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INFORMATION AND A	PC, Bannock	burn, Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declar the declaratio	ration of n encom	the substance passes all low	es within th ver level m	ne manufactu aterials for w	rer listed it which the m	em. No anufact	ote: if the ite turer has en	em is an ass gineering r	embly with low esponsibility.
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					ials and Mfg Information				
Supplier Information															
ompany name* Company u			y unique ID U			Unique ID Authority					Response Date*				
nsemi											2023-06-08				
ontact Name Title - Contact					Phone - Contact*						Email - Contact*				
Product-Env-Stewards	Product Envi	Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com					
Authorized Representative* Title - Repr			- Representative			Phone - Representative*				Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com							
Requester Item Number	Mfr Iten	n Number				Effective Da	ate Ve	rsion	on Manufacturing Site		V	Veight*	* U	ОМ	Unit Type
	LV8411	GR-TE-L-E				2023-06-08 PHM		4 1		5.0	m	g	Each		
Ianufacturing Proccess Informa	tion					- 	•								1
Terminal Plating / Grid Array M	aterial	Terminal Base	Alloy	J-STD-020 MSL Ratin		Peak Process I		Body Temperature Max Time at Peak		Temperature Number		umber of R	eflow Cycl	es	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		С	30		second	is 3			
omments															
evel 1 - maximum time at peak temperat	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	oHS 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 hthalate (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	2.05	mg	Supplier	Silicon (Si)	7440-21-3		2.0424	mg
			Supplier	Polyimide	Proprietary Data		0.0076	mg
Die Attach 0.09	0.09	mg	Supplier	Epoxy resins	129915-35-1		0.0653	mg
			Supplier	Acrylic resins	Proprietary Data		0.0248	mg
Mold Compound-Black 9.34	9.34	mg		Epoxy Phenol Resin	proprietary data		1.0274	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0187	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		7.9203	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		0.3736	mg
Substrate and Solder Mask	3.2	mg	В	Nickel (Ni)	7440-02-0		0.2435	mg
			Supplier	Gold (Au)	7440-57-5		0.0525	mg
			Supplier	Bismaleimide Triazine resin	Proprietary Data		1.8826	mg
			Supplier	Copper (Cu)	7440-50-8		1.0214	mg
Wire Bond - Au	0.32	mg	Supplier	Gold (Au)	7440-57-5		0.32	mg