ABBOCIATION CONNECTING ELECTRONICS INDUSTRIES® INTERNATIONAL AND PARTICIPACITY OF THE STREET	osition De PC, Bannock n-American c	claration burn, Illinois. A opyright conver	ll rights reserved u ntions.	nder both	This docume level parts, t	ent is a decla the declaratio	ration of the second	the substance passes all low	es within ver level	the manufactu materials for v	rer listed i which the n	tem. No nanufact	te: if the turer has	item is an ass engineering r	embly with lowe esponsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute					* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					rials and M	als and Mfg Information				
Supplier Information																
Company name*	Company un	Company unique ID			Unique ID Authority					Respons	Response Date*					
onsemi												2023-06-06				
Contact Name	Title - Conta	Title - Contact			Phone - Contact*					Email -	Email - Contact*					
Product-Env-Stewards	Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com						
Authorized Representative*	Title - Repres	Title - Representative			Phone - Representative*				Email -	Email - Representative*						
Product-Env-Stewards	Product Enviro Compliance				NA				Produc	Product-Env-Stewards@onsemi.com						
Requester Item Number	Mfr Iter	n Number	er Mfr Item Name			Effective D	ate Ver	rsion	Manufacturing Site			Weight*	*	UOM	Unit Type	
	TF412S	T5G	NCH J-FET SOT-883			2023-06-06	j		IN1).694		mg	Each	
Manufacturing Proccess Informa	tion														I	
Terminal Plating / Grid Array M	aterial	Terminal Base A	Alloy J	J-STD-020 MSL Rating		Peak Process Body		ody Temperat	emperature Max Time at Peak		k Temperat	Temperature Number		Reflow Cycl	es	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		L		260		С	30		secon	seconds 3				
Comments																
vel 1 - maximum time at peak temperat	are during so	dering 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), Dibutyl phthalate (DBP), Dibutyl phthalate (DBP), Dibutyl phthalate (DBP).										
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 contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.											
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	0.023	mg	Supplier	Silicon (Si)	7440-21-3		0.023	mg
Die Attach	0.013	mg		Epoxy resin	proprietary data		0.0003	mg
			Supplier	Silver (Ag)	7440-22-4		0.011	mg
			Supplier	Phenolic Resin	Proprietary Data		0.0003	mg
			Supplier	Inorganic filler	Proprietary Data		0.0003	mg
			Supplier	Dicyandiamine	461-58-5		0.0001	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.001	mg
Lead Frame	0.323	mg	Supplier	Tin (Sn)	7440-31-5		0.0008	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0007	mg
			Supplier	Chromium (Cr)	7440-47-3		0.0008	mg
			Supplier	Copper (Cu)	7440-50-8		0.3207	mg
Mold Compound-Black	0.32	mg	Supplier	Epoxy and Phenolic Resin	40216-08-8		0.0256	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0016	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.0064	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		0.2768	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0096	mg
Plating	0.003	mg	Supplier	Palladium (Pd)	7440-05-3		0.0001	mg
			В	Nickel (Ni)	7440-02-0		0.0026	mg
			Supplier	Gold (Au)	7440-57-5		0.0003	mg
Wire Bond - Au	0.012	mg	Supplier	Gold (Au)	7440-57-5		0.012	mg