ASSOCIATION CONNECTING ELECTROMICS INDUSTRIES® INDUSTRIES® INTERNATION CONNECTING International and Pan-A	, Bannockb	urn, Illinois. A	ll rights reserved un ntions.	nder both	This docum level parts, t	ent is a declaration the declaration en	on of the substancompasses all	nces within the manufactulower level materials for v	arer listed i which the r	item. Note: if nanufacturer	the item is an as has engineering	sembly with lower responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Forn http://www.ipc.org/IPC-175x Dist				ype * Declaration Class * te Class 6 - RoHS Yes/No, Homogeneous Materi				rials and M	als and Mfg Information			
Supplier Information													
Company name*	Company un	Company unique ID			Unique ID Authority				Response Date*				
onsemi										2023-06-08			
Contact Name Title - Contac			ntact			Phone - Contact*			Email -	Email - Contact*			
Product-Env-Stewards Product Ex			duct Enviro Compliance			NA			Produc	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Re			le - Representative			Phone - Representative*			Email -	Email - Representative*			
Product-Env-Stewards Pro			Product Enviro Compliance			NA			Produc	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item Number		Mfr Item Name			Effective Date	Version	Manufacturing Site	Manufacturing Site		UOM	Unit Type	
	FAN415	01SX	GFI ST digital controller			2023-06-08		PBB		17.381	mg	Each	
Manufacturing Proccess Information	on		•				·						
Terminal Plating / Grid Array Mate	Array Material Terminal Base		Alloy J-STD-020 MSL Rati		Rating	Peak Proce	Peak Process Body Temperature Max Time at Pe		k Temperature Number of Reflow Cycles				
Matte Tin (Sn) - annealed CU Alloy		CU Alloy	1	l		260	C	30	secor	nds 3			
Comments													
level 1 - maximum time at peak temperature	e during sol	dering is 10-3	0 seconds										
for more information regarding material co	mposition	please refer to	page 3										

RoHS Material Composition Declaration				Declaration Type *	Detailed					
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	(Pb), Mercury (Hg), Hexavalent Chror	S 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 Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl alate (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 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	0.172	mg	Supplier	Silicon (Si)	7440-21-3		0.172	mg
Die Attach	0.203	mg	Supplier	Silver (Ag)	7440-22-4		0.1624	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.0406	mg
Lead Frame	8.254	mg	Supplier	Silver (Ag)	7440-22-4		0.022	mg
			Supplier	Zinc (Zn)	7440-66-6		0.01	mg
			Supplier	Iron (Fe)	7439-89-6		0.198	mg
			Supplier	Copper (Cu)	7440-50-8		8.022	mg
			Supplier	Phosphorus (P)	7723-14-0		0.002	mg
Mold Compound-Black	7.596	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		1.52	mg
			Supplier	Carbon Black (C)	1333-86-4		0.076	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		6	mg
Plating	1.13	mg	Supplier	Tin (Sn)	7440-31-5		1.13	mg
Wire Bond - Au	0.026	mg	Supplier	Gold (Au)	7440-57-5		0.026	mg