ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and Pa	IPC, Bannock	burn, Illinois. A	Il rights reserved untions.	nder both	This docume level parts, t	ent is a declar the declaration	ration of n encom	the substance the substance passes all low	s within th er level m	e manufactu aterials for w	rer listed it which the m	em. Note anufactu	e: if the item is an a arer has engineering	ssembly with low responsibility.		
	IPC Web Site for Information on IPC-1752 Standard Form Ty http://www.ipc.org/IPC-175x Distribut				e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					ials and Mf	ials and Mfg Information				
Supplier Information																
Company name*	Company unique ID			Unique ID Authority					Response Date*							
onsemi											2023-06-	2023-06-08				
Contact Name Title - Co			itle - Contact I			Phone - Contact*					Email - (	Email - Contact*				
Product-Env-Stewards	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com								
Authorized Representative* Ti			Title - Representative			Phone - Representative*				Email - Representative*						
Product-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com							
Requester Item Number	Mfr Iter	n Number				Effective Da	ate Ve	ersion	Manufacturing Site		V	Veight*	UOM	Unit Type		
	FAN322	23TMPX				2023-06-08	123-06-08 TH2			21.6199 mg		mg	Each			
Aanufacturing Proccess Informa	ation					·	<b>I</b>						I			
Terminal Plating / Grid Array M	Iaterial '	Terminal Base	Alloy	J-STD-020 MSL Rating		Peak Process Body Temper		ody Temperat	ture Max Time at Peak Ter		c Temperatu	rature Number of Reflow Cycles				
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		C	30		second	ls 3				
omments																
evel 1 - maximum time at peak temperat	ture during so	ldering is 10-3	0 seconds													
or more information regarding materia	l 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 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 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	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		Substance	CAS	Exempt	Weight	Unit of Measure	
Die	1.055	mg	Supplier	Silicon (Si)	7440-21-3		1.055	mg
Die Attach	0.1359	mg	Supplier	Isobornyl Methacrylate	7534-94-3		0.0082	mg
			Supplier	Silver (Ag)	7440-22-4		0.1108	mg
			Supplier	Isobornyl Acrylate	5888-33-5		0.0082	mg
			Supplier	Misc.	Proprietary Data		0.0007	mg
			Supplier	Tricyclo[5.2.1.02,6]decanedimethanol Diacrylate (C18H24O4)	42594-17-2		0.0082	mg
Lead Frame	9.565	mg	Supplier	Zinc (Zn)	7440-66-6		0.0119	mg
			Supplier	Iron (Fe)	7439-89-6		0.2247	mg
			Supplier	Copper (Cu)	7440-50-8		9.3205	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0079	mg
Mold Compound-Black	10.3333	mg	Supplier	Carbon Black (C)	1333-86-4		0.0517	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		9.0933	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		0.6717	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.5167	mg
Plating	0.1337	mg	Supplier	Silver (Ag)	7440-22-4		0.0021	mg
			Supplier	Palladium (Pd)	7440-05-3		0.0048	mg
			В	Nickel (Ni)	7440-02-0		0.1241	mg
			Supplier	Gold (Au)	7440-57-5		0.0027	mg
Vire Bond - Au	0.397	mg	Supplier	Gold (Au)	7440-57-5		0.397	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).