ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INCLUSTRIES	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 passes all low	s within the er level mat	manufactur terials for wl	er listed ite hich the ma	em. Note: anufacture	if the item is an as r has engineering	sembly with low responsibility.	
	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															
Company name*	Company unique ID			Unique ID Authority					Response Date*						
onsemi											2023-06-08				
Contact Name	Title - Conta	ïtle - Contact			Phone - Contact*					Email - Contact*					
Product-Env-Stewards	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com							
Authorized Representative*			Title - 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	e Date Version Manufacturing Site		ring Site	W	veight*	UOM	Unit Type		
	FAN210	3MPX				2023-06-08 TH2			68.845		mg	Each			
Aanufacturing Proccess Informa	ition												I	l	
Terminal Plating / Grid Array M	aterial	Ferminal Base A	Alloy	oy J-STD-020 MSI		Peak Process Body Tem		ody Temperat	ature Max Time at Peak 7		Temperatu	berature Number of Reflow Cycles		eles	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		С	30 s		second	s 3			
omments															
vel 1 - maximum time at peak temperat	ure 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), 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 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 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	2.74	mg	Supplier	Silicon (Si)	7440-21-3		2.74	mg
Die Attach	0.518	mg	Supplier	Silver (Ag)	7440-22-4		0.4921	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.0259	mg
Lead Frame	23.905	mg	Supplier	Zinc (Zn)	7440-66-6		0.048	mg
			Supplier	Iron (Fe)	7439-89-6		0.621	mg
			Supplier	Copper (Cu)	7440-50-8		23.2	mg
			Supplier	Phosphorus (P)	7723-14-0		0.036	mg
Mold Compound-Black	40.9	mg		Metal Hydroxide	proprietary data		1.4315	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		3.272	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2045	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		32.72	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		3.272	mg
Plating	0.233	mg	Supplier	Palladium (Pd)	7440-05-3		0.021	mg
			В	Nickel (Ni)	7440-02-0		0.209	mg
			Supplier	Gold (Au)	7440-57-5		0.003	mg
Wire Bond - Au	0.296	mg	Supplier	Gold (Au)	7440-57-5		0.296	mg
Wire Bond - Cu	0.253	mg	Supplier	Palladium (Pd)	7440-05-3		0.0051	mg
			Supplier	Copper (Cu)	7440-50-8		0.2479	mg