ABSOCIATION CONNECTING LECTRONICS INDUSTRIES OF INTERNATIONAL OF INTERNATIONAL OF INDUSTRIES OF INTERNATIONAL OF INTERNATIONA	IPC. Bannockl	burn. Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declarat	ion of the su	ubstances s all lowe	within the mar r level material	nufacturer list ls for which tl	ed item. Note: ne manufactur	if the item is an a er has engineering	ssembly with lower responsibility.	
	.1 IPC Web Site for Information on IPC-1752 Standard Form Distri				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia					Materials and	als and Mfg Information			
Supplier Information														
Company name*		Company unique ID				Unique ID Authority					Response Date*			
onsemi Contact Name Title -			Fitle - Contact								2023-06-08 Email - Contact*			
			Product Enviro Compliance								Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative			Phone - Representative*				Ema	Email - Representative*			
Product-Env-Stewards Prod			Product Enviro Compliance			NA				Pro	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Iten	n Number	Mfr Item Name			Effective Date	Version	ľ	Manufacturing Site		Weight*	UOM	Unit Type	
	FAN322	AN3223TMX Dual 4A		ual 4A Low-Side Drive		2023-06-08]	TH2		83.484	mg	Each	
Manufacturing Proccess Inform	ation							_						
Terminal Plating / Grid Array M	Iaterial Terminal Base		Alloy	J-STD-020 MSL Rating		Peak Proc	ess Body T	Body Temperature Max Time at Peak		at Peak Temp	Temperature Number of Reflow Cycles			
Matte Tin (Sn) - annealed CU A		CU Alloy	1			260 C 30		30	se	seconds 3				
Comments														
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), 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 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	2.16	mg	Supplier	Silicon (Si)	7440-21-3		2.16	mg
Die Attach	1.144	mg		Epoxy resin	proprietary data		0.1487	mg
			Supplier	Silver (Ag)	7440-22-4		0.4004	mg
			Supplier	Acrylic resins	Proprietary Data		0.1945	mg
			Supplier	Aluminum (Al)	7429-90-5		0.4004	mg
Lead Frame	31.136	mg	Supplier	Silver (Ag)	7440-22-4		1.5568	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0374	mg
			Supplier	Iron (Fe)	7439-89-6		0.7473	mg
			Supplier	Copper (Cu)	7440-50-8		28.7697	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0249	mg
Mold Compound-Black	45.29	mg	Supplier	4,4'-Bis(2,3-epoxypropoxy)-3,3',5,5'- tetramethylbiphenyl	85954-11-6		2.0381	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2264	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		41.6668	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		1.3587	mg
lating	3.44	mg	Supplier	Tin (Sn)	7440-31-5		3.44	mg
Wire Bond	0.314	mg	Supplier	Palladium (Pd)	7440-05-3		0.0097	mg
			Supplier	Gold (Au)	7440-57-5		0.0011	mg
			Supplier	Copper (Cu)	7440-50-8		0.3032	mg