ABBOCIATION CONNECTING ELECTRONICS INDUSTRIES INDUSTRIES	Bannockbi	urn, Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a decla he declaratio	tration of	f the substan npasses all le	ices wit ower le	hin the manufactur vel materials for wl	er listed it hich the m	em. Not anufactu	te: if the urer has	item is an asso engineering re	embly with lower sponsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi						als and Mfg Information				
Supplier Information																
Company name*			Company unique ID			Unique ID Authority					Response Date*					
onsemi						2023-06-08										
Contact Name Title - Contact					Phone - Contact*						Email - Contact*					
Product-Env-Stewards	ro Compliance			NA					Product-Env-Stewards@onsemi.com							
Authorized Representative* Title - Representative				Phone -			e - Representative*			Email -	Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com								
Requester Item Number	em Number Mfr Item Numb			Jumber Mfr Item Name			ate Ve	ersion	Manufacturing Site			Weight*		UOM	Unit Type	
	FXL4TD245UMX 4-Bit Ti		4-Bit Translator I	I-Bit Translator Direct		2023-06-08	3		TH2	TH2		5.539		mg	Each	
Manufacturing Proccess Information	l					·					I					
Terminal Plating / Grid Array Materia	l Te	erminal Base A	Alloy	J-STD-020 MS	L Rating	Peak Process Bo		Body Temper	emperature Max Time at Peak		Temperature Numbe		umber of	Reflow Cycle	es	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		U Alloy	1			260	260 C			30 sec		econds 3				
Comments									I			!				
evel 1 - maximum time at peak temperature d	uring sole	dering is 10-3	0 seconds													
For more information regarding material com	position p	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 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	0.942	mg	Supplier	Silicon (Si)	7440-21-3		0.942	mg
Die Attach	0.238	mg	Supplier	Phenolic Resin-2	54208-63-8		0.119	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.119	mg
Lead Frame	1.53	mg	Supplier	Zinc (Zn)	7440-66-6		0.002	mg
			Supplier	Iron (Fe)	7439-89-6		0.001	mg
			Supplier	Copper (Cu)	7440-50-8		1.49	mg
			Supplier	Phosphorus (P)	7723-14-0		0.037	mg
Mold Compound-Black	3.63	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.726	mg
			Supplier	Carbon Black (C)	1333-86-4		0.036	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		2.686	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.182	mg
Plating	0.124	mg	Supplier	Palladium (Pd)	7440-05-3		0.011	mg
			В	Nickel (Ni)	7440-02-0		0.111	mg
			Supplier	Gold (Au)	7440-57-5		0.002	mg
Wire Bond - Au	0.075	mg	Supplier	Gold (Au)	7440-57-5		0.075	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 signa range of distribution unless otherwise noted).