ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INCLUSTRIES	PC, Bannock	burn, Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declar he declaration	ration of n encom	f the substance npasses all low	es within the second seco	he manufactu haterials for w	rer listed it which the m	em. Note anufactu	e: if the item is an arer has engineer	n assembly with low ing responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Tyj 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 uni	Company unique ID			Unique ID Authority					Respons	Response Date*				
onsemi											2023-06-08				
Contact Name Title - Contact				Pho			Phone - Contact*				Email -	Email - Contact*			
Product-Env-Stewards	Product Envi	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com						
Authorized Representative* Title - R			itle - Representative			Phone - Representative*				Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com						
Requester Item Number	ter Item Number Mfr Iter		em Number Mfr Item Name			Effective Da	ate Ve	Version Manufacturing		turing Site	Weight*		UOM	Unit Type	
	FSA831	AL10X	USB2.0 Charger Detection			2023-06-08 TH6		TH6	H6		.544	mg	Each		
Aanufacturing Proccess Informa	tion						1		1				1	1	
Terminal Plating / Grid Array M	aterial	Terminal Base A	Alloy	J-STD-020 MSL Rating		Peak Process Body		ody Temperat	Temperature Max Time at Peak		c Temperat	Temperature Number of Reflow Cycles		Cycles	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260	С		30		secon	is 3			
omments															
vel 1 - maximum time at peak temperat	ure during so	oldering 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), 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 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	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	0.599	mg	Supplier	Silicon (Si)	7440-21-3		0.599	mg
Die Attach	0.14	mg	Supplier	Phenolic Resin-2	54208-63-8		0.07	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.07	mg
Lead Frame	2.231	mg	Supplier	Zinc (Zn)	7440-66-6		0.003	mg
			Supplier	Iron (Fe)	7439-89-6		0.054	mg
			Supplier	Copper (Cu)	7440-50-8		2.172	mg
			Supplier	Phosphorus (P)	7723-14-0		0.002	mg
Mold Compound-Black	4.451	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.89	mg
			Supplier	Carbon Black (C)	1333-86-4		0.134	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		3.204	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.223	mg
Plating	0.043	mg	Supplier	Palladium (Pd)	7440-05-3		0.004	mg
			В	Nickel (Ni)	7440-02-0		0.038	mg
			Supplier	Gold (Au)	7440-57-5		0.001	mg
Wire Bond - Au	0.08	mg	Supplier	Gold (Au)	7440-57-5		0.08	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).