ASSOCIATION CONNECTING LECTRANICS INDUSTRIES® INCLUSTRIES	PC. Bannockt	ourn. Illinois. A	Il rights reserved un ntions.	nder both	This docum level parts, t	ent is a declaration er	on of the substancompasses all	nces within the manufactor lower level materials for	urer listed which the	item. Note: if manufacturer	the item is an as has engineering	sembly with lower responsibility.	
				Form Type Distribute	e * Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information					on			
Supplier Information													
Company name* Company un			ique ID			Unique ID Authority				Response Date*			
On Semiconductor										2021-02-04			
Contact Name Title - Contact			zt			Phone - Contact*			Email	Email - Contact*			
Product-Env-Stewards Product Envir			wiro Compliance		NA			Produ	Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Repres			sentative		Phone - Representative*			Email	Email - Representative*				
Product-Env-Stewards Product I			uct Enviro Compliance			NA			Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item	Number	Mfr Item Name			Effective Date	Version	Manufacturing Site		Weight*	UOM	Unit Type	
	FFB3904	FB3904 NPN DUAL GEN I		PURPOSE XT	TOR	2021-02-04	PBB			5.759	mg	Each	
Manufacturing Proccess Informa	tion												
Terminal Plating / Grid Array Ma	Grid Array Material Terminal Base Alloy		Alloy J	-STD-020 MSI	ISL Rating Peak		ak Process Body Temperature Max Time at Peak		k Temper	Temperature Number of Reflow Cycles			
Matte Tin (Sn) - annealed CU Alloy			1	l		260	C	30	seco	onds 3			
Comments													
evel 1 - maximum time at peak temperatu	ire during so	ldering is 10-3	0 seconds										
For 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 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 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.

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).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	0.148	mg	Supplier	Silicon (Si)	7440-21-3		0.148	mg	
Lead Frame	2.087	mg	Supplier	Silver (Ag)	7440-22-4		0.015	mg	
			Supplier	Manganese (Mn)	7439-96-5		0.0171	mg	
			Supplier	Silicon (Si)	7440-21-3		0.0061	mg	
			В	Nickel (Ni)	7440-02-0		0.8765	mg	
			Supplier	Iron (Fe)	7439-89-6		1.1723	mg	
Mold Compound-Black	3.224	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.645	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.032	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		2.547	mg	
Plating	0.274	mg	Supplier	Tin (Sn)	7440-31-5		0.274	mg	
Wire Bond - Au	0.026	mg	Supplier	Gold (Au)	7440-57-5		0.026	mg	