ASSOCIATION CONNECTING LECTRONICS INDUSTRIES® INCLUSTRIES	PC. Bannockł	ourn. Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declara he declaration	ion of the s encompasse	ubstances es all lowe	within the 1 r level mate	nanufacture rials for wh	er listed ite hich the ma	n. Note: i nufacturer	f the item is an as has engineering	sembly with lowe responsibility.
	IPC Web Site for Information on IPC-1752 Standard Form http://www.ipc.org/IPC-175x Distribution				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia					als and Mfg Information				
Supplier Information														
Company name*			Company unique ID			Unique ID Authority					Response Date*			
onsemi											2024-04-19			
Contact Name Title - Contact					Phone - Contact*					Email - Contact*				
Product-Env-Stewards Product En			et Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Representative			sentative			Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product Envir			riro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	Requester Item Number Mfr Item		n Number Mfr Item Name			Effective Dat	e Version	1	Manufacturing Site		W	eight*	UOM	Unit Type
	FDBL86	FDBL86561-F085 NMOS		MOS TOLL 60V 1.1 mOhm		2024-04-19		1	РВВ		81	1.7391	mg	Each
Manufacturing Proccess Informa	tion													
Terminal Plating / Grid Array M	Ferminal Plating / Grid Array Material Terminal Base A		Alloy	J-STD-020 MSL Rating		Peak Process Body Temperatur		re Max Time at Peak Temper		Temperatu	mperature Number of Reflow Cycles		les	
Matte Tin (Sn) - annealed CU Alloy		CU Alloy		1		260		С	30		second	3		
Comments														
evel 1 - maximum time at peak temperatu	ire during so	Idering 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, polybromina contains a RoHS restricted substance inexces encompass all such components. Supplier cer as of the date that Supplier completes this for Company acknowledges that Supplier may h independently verified information provided certification in this paragraph. If the Company	ated biphenyls and/or polybrominated dip s of an applicable quantity limit, please in iffies that it gathered the information it pr m.Supplier acknowledges that Company ave relied on informationprovided by oth by others, Supplier agrees that, at a minir and the Supplier enter into a written agr esource of the Supplier's liability and the	henyl ethers (each a "RoHS restricted substa ndicate below which, if any, RoHS exemption ovides in this form using appropriate methoo will rely on this certification in determining ers in completing this form, and that Supplie num, itssuppliers have provided certification eement with respect to the identified part, the Company's remedies for issues that arise reg	nce") in exco n you believe ls to ensure i the compliar r may not ha s regarding t terms and co	e may apply. If the part is an assembly with low s accuracy and that such information is true an ce of its products with European Union member de independently verified such information. Ho neir contributions to the part, and those certifica	ove. If a homogeneous material within the part er level components, the declaration shall d correct to the best of its knowledge and belief, er state laws that implement the RoHS Directive. wever, in situations where Supplier has not ations are at least as comprehensive as the anty rights and/or remedies provided as part of						
RoHS Declaration * 4 - Item(s) does not contain RoHS restricted subst	ances per the definition above except for sele	ected exempt	ions Supplier Acceptance	* Accepted						
Exemption: 7a: Lead in high melting temp	erature type solders (i.e. lead based sol	der alloys containing 85% by weight or m	ore lead).								
Exemption List Version	EL-2011/534/EU										
Declaration Signature											
Instructions: Complete all of the required Requester) and click on Submit Form to h			e drop-dowi	a. This will display the signature area. Digita	lly sign the declaration (if required by the						
Supplier Digital Signature	astislav 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	6.35	mg	Supplier	Silicon (Si)	7440-21-3		6.35	mg
Die Attach Solder	7.6901	mg	Supplier	Silver (Ag)	7440-22-4		0.1923	mg
			А	Lead (Pb)	7439-92-1	7a	7.344	mg
			Supplier	Tin (Sn)	7440-31-5		0.1538	mg
Lead Frame	474.555	mg	В	Nickel (Ni)	7440-02-0		0.2373	mg
			Supplier	Iron (Fe)	7439-89-6		0.4746	mg
			Supplier	Copper (Cu)	7440-50-8		473.7008	mg
			Supplier	Phosphorus (P)	7723-14-0		0.1424	mg
Mold Compound-Black	314.85	mg	Supplier	Carbon Black (C)	1333-86-4		1.5742	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		275.4937	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		18.891	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		18.891	mg
Plating	8.12	mg	Supplier	Tin (Sn)	7440-31-5		8.12	mg
Wire Bond - Al	0.174	mg	Supplier	Aluminum (Al)	7429-90-5		0.174	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).