ASSOCIATION CONNECTING ASSOCIATION CONNECTING LECTRONICS INDUSTRIES	IPC. Bannockl	ourn, Illinois, A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declaration entite decl	on of the su	bstances v all lower	vithin the manufactu level materials for v	urer listed which the	item. Note: manufacture	if the item is an as er has engineering	sembly with low responsibility.	
52 21 1 IPC Web Site for Information on IPC-1752 Standard Form			Form Type Distribute	*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials					ls and Mfg Information				
Supplier Information														
Company name* Compa			mpany unique ID			Unique ID Authority				Respon	Response Date*			
onsemi										2025-0	2025-08-11			
ontact Name Title - Contact					Phone - Contact*				Email	Email - Contact*				
Product-Env-Stewards Product Enviro			iro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Representative			sentative			Phone - Representative*			Email	Email - Representative*				
Product-Env-Stewards Pro			Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Requester Item Number Mfr Item N		Number Mfr Item Name			Effective Date	tive Date Version Manufacturing Site		lanufacturing Site		Weight*	UOM	Unit Type	
	FDLL41	FDLL4148-D87Z LL-34 SINGLE JU		UNCTION		2025-08-11		C	CN2		27.918	mg	Each	
Ianufacturing Proccess Informa	ntion							·			-			
Terminal Plating / Grid Array M	laterial 7	ial Terminal Base Alloy		J-STD-020 MSL	Rating	Peak Proce	ss Body Temperature Max Time at Peak		k Tempera	ature Num	ber of Reflow Cyc	cles		
Matte Tin (Sn) - annealed CU Alloy		CU Alloy		1		260		С	30	seco	nds 3			
omments														
vel 1 - maximum time at peak temperat	ure 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), Disobutyl phthalate (DIBP).										
cadmium, hexavalentchromium, polybromina contains a RoHS restricted substance inexcess encompass all such components.Supplier cert as of the date that Supplier completes this for Company acknowledges that Supplier may ha independently verified information provided certification in this paragraph.If the Company	ted biphenyls and/or polybrominated dip of an applicable quantity limit, please in ifies that it gathered the information it pr m.Supplier acknowledges that Company ve relied on informationprovided by oth by others, Supplier agrees that, at a minir and the Supplier enter into a written agr source of the Supplier's liability and the	henyl ethers (each a "RoHS restricted subs ndicate below which, if any, RoHS exempt ovides in this form using appropriate meth will rely on this certification in determinin ers in completing this form, and that Suppl num, itssuppliers have provided certificatio eement with respect to the identified part,t Company's remedies for issues that arise r	stance") in exce ion you believe ods to ensure i g the compliar ier may not ha ons regarding t he terms and co	ropean Union member states) of the part identifiess of the applicable quantity limit identified able may apply. If the part is an assembly with low is accuracy and that such information is true and ce of its products with European Union member independently verified such information. How heir contributions to the part, and those certifica onditions of that agreement, including any warra nation the Supplier provides in this form. In the	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 inty rights and/or remedies provided as part of						
<b>RoHS Declaration *</b> 4 - Item(s	) does not contain RoHS restricted subst	ances per the definition above except for se	elected exempt	ions Supplier Acceptance	* Accepted						
Exemption: 7c-I Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.											
Exemption List Version	EL-2011/534/EU										
Declaration Signature											
Instructions: Complete all of the required Requester) and click on Submit Form to ha			ice drop-dowi	a. This will display the signature area. Digital	ly sign the declaration (if required by the						
Supplier Digital Signature R	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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	0.07	mg	Supplier	Silicon (Si)	7440-21-3		0.07	mg	
Dumet Wire	18.175	mg	Supplier	Sulfur (S)	7704-34-9		0.0036	mg	
			Supplier	Carbon (C)	7440-44-0		0.0273	mg	
			Supplier	Manganese (Mn)	7439-96-5		0.2181	mg	
			Supplier	Silicon (Si)	7440-21-3		0.0545	mg	
			В	Nickel (Ni)	7440-02-0		6.0886	mg	
			Supplier	Iron (Fe)	7439-89-6		7.5081	mg	
			Supplier	Copper (Cu)	7440-50-8		4.2711	mg	
			Supplier	Phosphorus (P)	7723-14-0		0.0036	mg	
Glass Encapsulation	9.273	mg	Supplier	Boron Trioxide (B2O3)	1303-86-2		0.2782	mg	
			А	Lead Oxide (PbO)	1317-36-8	7c	5.6751	mg	
			В	Antimony Trioxide (Sb2O3)	1309-64-4		0.0046	mg	
			Supplier	Potassium Monoxide (K2O)	12136-45-7		0.3477	mg	
			Supplier	Silica Crystalline (SiO2)	14808-60-7		2.9674	mg	
Plating	0.4	mg	Supplier	Tin (Sn)	7440-31-5		0.4	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).