ASSOCIATION CONNECTING LECTRONICS INDUSTRIES INDUSTRIES	annockburn, Illinois, A	ll rights reserved un ntions.	ider both lev	is docume vel parts, th	ent is a declaration he declaration en	n of the substance compasses all low	es within the manufactur wer level materials for w	rer listed item hich the man	. Note: if t ifacturer h	he item is an as as engineering	sembly with lower responsibility.	
	.1 IPC Web Site for Information on IPC-1752 Standard Form Distribution of the standard Form Distribution of			 Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information 								
Supplier Information												
ompany name* Company unique ID			D Uniq		Jnique ID Authority			Response Date*				
onsemi									2025-06-08			
Contact Name	Title - Contact			Phone - Contact*				Email - Contact*				
Product-Env-Stewards	et-Env-Stewards Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
uthorized Representative* Title - Representative				Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product Enviro Complian			mpliance NA		NA	4			Product-Env-Stewards@onsemi.com			
Requester Item Number N	Afr Item Number	Mfr Item Name			Effective Date	Version	Manufacturing Site		ght*	UOM	Unit Type	
Ν	IC100EP451FAR2G BBG ECL FLII		FLOP RESET		2025-06-08		PH1		.1	mg	Each	
Manufacturing Proccess Information					-							
Terminal Plating / Grid Array Material	Terminal Base A	Alloy J-	J-STD-020 MSL Rating		Peak Process Body Temperature Max Ti		ture Max Time at Peak	k Temperature Number of Reflow Cycles			les	
Matte Tin (Sn) - annealed CU Alloy 2				260	С	30	seconds	3				
Comments												
ATTENTION: MSL 2 Rated item requires Dry	Pack (after electrical	test)										
for more information regarding material comp	osition please refer to	page 3										

RoHS Material Composition Declaration				Declaration Type *	Detailed					
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	(Pb), Mercury (Hg), Hexavalent Chror	HS 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), Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl halate (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 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 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 contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.										
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	0.33	mg	Supplier	Silicon (Si)	7440-21-3		0.33	mg
Die Attach 3.19	3.19	mg	Supplier	Silver (Ag)	7440-22-4		2.3925	mg
			Supplier	Epoxy resins	129915-35-1		0.7975	mg
Lead Frame 49.99	49.99	mg	Supplier	Silver (Ag)	7440-22-4		0.15	mg
			Supplier	Magnesium (Mg)	7439-95-4		0.05	mg
			Supplier	Silicon (Si)	7440-21-3		0.3499	mg
			В	Nickel (Ni)	7440-02-0		1.4997	mg
			Supplier	Copper (Cu)	7440-50-8		47.9404	mg
Mold Compound-Black	114.24	mg		Epoxy Phenol Resin	proprietary data		11.9952	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		102.2448	mg
Plating	6.7	mg	Supplier	Tin (Sn)	7440-31-5		6.7	mg
Wire Bond - Au	0.65	mg	Supplier	Gold (Au)	7440-57-5		0.65	mg