ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES INTERNAL INDUSTRIES INDUSTRIES INTERNAL INTERNA	ckburn, Illinois. A	Il rights reserved untions.	nder both	This docume level parts, t	ent is a declara he declaration	ion of the s encompasse	ubstances s all lowe	within the manufacture reveal materials for w	rer listed i which the r	tem. Note: i nanufacture	if the item is an as r has engineering	sembly with lower responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Ty http://www.ipc.org/IPC-175x Distribut			* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia					ials and M	als and Mfg Information			
Supplier Information													
Company name* Company unique ID			Unique I			e ID Authority			Respon	Response Date*			
nsemi									2025-06-06				
Contact Name	ct Name Title - Contact			1	Phone - Contact*				Email - Contact*				
oduct-Env-Stewards Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
uthorized Representative* Title - Representative				Phone - Representative*				Email - Representative*					
Product-Env-Stewards Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
Requester Item Number Mfr I	em Number	Mfr Item Name			Effective Date	e Version		Manufacturing Site		Weight*	UOM	Unit Type	
FQD	13N10LTM QF 100V 180mOh		hm L DPAK		2025-06-06 CPA		CPA		329.241	mg	Each		
Manufacturing Proccess Information						-							
Terminal Plating / Grid Array Material	rid Array Material Terminal Base Alloy		-STD-020 MSL	Rating	Peak Pro	ess Body T	emperatu	re Max Time at Peak	Tempera	ture Numb	ber of Reflow Cy	eles	
Matte Tin (Sn) - annealed CU Alloy 1			1		260		С	30	secor	nds 3			
Comments													
level 1 - maximum time at peak temperature during	soldering is 10-3	0 seconds											
For more information regarding material compositi	on 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 Chro	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).									
Please indicate whether any homogeneous material (as defined by the RoHS Directive, EU 2011/65/EU and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury, cadmium, hexavalentchromium, polybrominated biphenyls and/or polybrominated diphenyl ethers (each a "RoHS restricted substance") in excess of the applicable quantity limit identified above. If a homogeneous material within the part contains a RoHS restricted substance inexcess of an applicable quantity limit, please indicate below which, if any, RoHS exemption you believe may apply. If the part is an assembly with lower level components, the declaration shall encompass all such components. Supplier certifies that it gathered the information it provides in this form using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive. Company acknowledges that Supplier may have relied on informationprovided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, itsuppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier's liability and the Company's remedies for issues that arise regarding information the Supplier provides in this form. In the absence of such written agreement, the warranty rights and/or remedies of Supplier's Standard Terms andConditions of Sale applicable to such part shall apply.											
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	5.16	mg	Supplier	Silicon (Si)	7440-21-3		5.16	mg
Die Attach Solder	5.026	mg	Supplier	Silver (Ag)	7440-22-4		0.1257	mg
			А	Lead (Pb)	7439-92-1	7a	4.6491	mg
			Supplier	Tin (Sn)	7440-31-5		0.2513	mg
Lead Frame	167.854	mg	Supplier	Tin (Sn)	7440-31-5		0.168	mg
			В	Nickel (Ni)	7440-02-0		0.168	mg
			Supplier	Copper (Cu)	7440-50-8		167.518	mg
Mold Compound-Black	149.268	mg	Supplier	Brominated Epoxy Resin-2	68541-56-0		3.7317	mg
			Supplier	Other Epoxy resins	Proprietary Data		4.478	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		2.9854	mg
			Supplier	Carbon Black (C)	1333-86-4		0.7463	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		129.8632	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		7.4634	mg
Plating	1.092	mg	Supplier	Tin (Sn)	7440-31-5		1.092	mg
Wire Bond - Al	0.841	mg	Supplier	Aluminum (Al)	7429-90-5		0.841	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).