ASSOCIATION CONNEC	Material Composition © Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	Il rights reserved u ntions.	nder both	This docume level parts, t	ent is a declara he declaration	ion of the s encompasse	ubstances v s all lower	within the manufactur level materials for w	rer listed i which the r	tem. Note: it nanufacturer	f the item is an as has engineering	sembly with lower responsibility.	
1752-21.1	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					als and Mfg Information					
Supplier Info	rmation														
Company name*			Company unique ID				Unique ID Authority				Response Date*				
onsemi											2023-06-08				
Contact Name			Title - Contact				Phone - Contact*				Email -	Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Authorized Repr	esentative*		Title - Representative				Phone - Representative*			Email - Representative*					
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Reque	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective Date	Date Version Manufacturing Site			Weight*	UOM	Unit Type		
		FSQ0165RLX FPS FOR		FPS FOR DVDP/	FOR DVDP/STB		2023-06-08		P	PH4		461.247	mg	Each	
Manufacturin	g Proccess Information	n													
Terminal Plating / Grid Array Material Term			erminal Base A	ninal Base Alloy J-STD-020 MSL R			Peak Process Body Temperature Max Time at Pea			k Temperature Number of Reflow Cycles					
Matte Tin (Sn) - annealed CU Al			U Alloy	loy 3			250 C 30			seconds 3					
Comments															
ATTENTION: M	ISL 3 Rated item requires Ba	ake and D	ry Pack (after	electrical test)											
for more inform	ation regarding material con	position 1	please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed							
Directive 2015/863/EU amending RoHS Directive 2011/65/EU												
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	ess of the applicable quantity limit identified about the 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 we independently verified such information. How	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 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 fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.												
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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	1.6	mg	Supplier	Silicon (Si)	7440-21-3		1.6	mg	
Die Attach	3.0	mg	Supplier	Silver (Ag)	7440-22-4		2.25	mg	
			Supplier	Phenolic Resin-2	54208-63-8		0.75	mg	
Lead Frame	120.787	mg	Supplier	Silver (Ag)	7440-22-4		0.69	mg	
			Supplier	Zinc (Zn)	7440-66-6		0.193	mg	
			Supplier	Iron (Fe)	7439-89-6		3.6	mg	
			Supplier	Copper (Cu)	7440-50-8		116	mg	
			Supplier	Phosphorus (P)	7723-14-0		0.304	mg	
Mold Compound-Black	320.81	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		54.5377	mg	
			Supplier	Carbon Black (C)	1333-86-4		3.2081	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		214.9427	mg	
			Supplier	Phenolic Resin (Novolac)	9003-35-4		48.1215	mg	
Plating	9.05	mg	Supplier	Tin (Sn)	7440-31-5		9.05	mg	
Wire Bond - Au	6.0	mg	Supplier	Gold (Au)	7440-57-5		6	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 sigma range of distribution unless otherwise noted).