© Copyright 2	omposition De 005. IPC, Bannock nd Pan-American c	burn, Illinois. A	All rights reserved untions.	inder both	This docume level parts, th	ent is a declar he declaration	ration o n encon	of the substance mpasses all low	es within wer level r	the manufactunaterials for v	urer listed it which the m	em. Not anufact	te: if the it urer has e	tem is an ass ngineering r	sembly with low responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Ty http://www.ipc.org/IPC-175x Distribut				e *	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					rials and M	ials and Mfg Information				
Supplier Information																
Company name*	Company un	Company unique ID			Unique ID Authority					Respons	Response Date*					
onsemi											2023-06-08					
Contact Name	Title - Conta	Title - Contact			Phone - Contact*					Email -	Email - Contact*					
Product-Env-Stewards	Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com						
Authorized Representative*	Title - Representative			Phone - Representative*				Email -	Email - Representative*							
Product-Env-Stewards	Product Enviro Compliance				NA				Produc	Product-Env-Stewards@onsemi.com						
Requester Item Number	Requester Item Number Mfr Item Number   FPF2104					Effective Da	ate V	ersion	rsion Manufacturing Site		1	Veight*	t	JOM	Unit Type	
						2023-06-08 CNS			15.6711		r	ng	Each			
Manufacturing Proccess Info	rmation					1										
Terminal Plating / Grid Arr	ay Material	Terminal Base	Alloy	J-STD-020 MSL Ratin		Peak Process Bod		Body Tempera	Femperature Max Time at Peak		k Temperat	Temperature Number		Reflow Cycl	les	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		C	30	30		ds 3				
Comments																
vel 1 - maximum time at peak temj	perature during so	oldering is 10-3	0 seconds													
or more information regarding ma	terial composition	please refer to	o 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), Diisobutyl 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 co 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 con applicable exemptions.	ntain RoHS restricted substances per	the definition above	except for defined RoHS exempti	ons, then select the corresponding response i	n the RoHS Declaration above and choose all							
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	0.8	mg	Supplier	Silicon (Si)	7440-21-3		0.8	mg
Die Attach	0.1	mg	Supplier	Silver (Ag)	7440-22-4		0.055	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.045	mg
Lead Frame	8.6748	mg	Supplier	Zinc (Zn)	7440-66-6		0.0109	mg
			Supplier	Iron (Fe)	7439-89-6		0.2054	mg
			Supplier	Copper (Cu)	7440-50-8		8.4513	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0072	mg
Mold Compound-Black	5.932	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.416	mg
			Supplier	Carbon Black (C)	1333-86-4		0.018	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		5.201	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.297	mg
Plating	0.0643	mg	Supplier	Palladium (Pd)	7440-05-3		0.0026	mg
			В	Nickel (Ni)	7440-02-0		0.0612	mg
			Supplier	Gold (Au)	7440-57-5		0.0005	mg
Wire Bond - Au	0.1	mg	Supplier	Gold (Au)	7440-57-5		0.1	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).