C C	<b>Laterial Composit</b> Copyright 2005. IPC, 1 ternational and Pan-An	Bannockb	urn, Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a decla he declaratio	ration of on encom	f the substance npasses all lov	es within wer leve	n the manufactur l materials for w	rer listed i	tem. No nanufac	ote: if the turer has	item is an ass engineering re	embly with lowe esponsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					ials and M	als and Mfg Information					
Supplier Informatio	n																
Company name*	Company unique ID			Unique ID Authority					Respons	Response Date*							
onsemi												2023-06	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 Representati	Title - Representative			Phone - Representative*					Email - Representative*								
Product-Env-Stewards			Product Enviro Compliance				NA					Produc	Product-Env-Stewards@onsemi.com				
Requester Iter	Requester Item Number Mfr Iten			Number Mfr Item Name			Effective D	Effective Date Version Manufacturing Site		acturing Site	Weight*		*	UOM	Unit Type		
CAT255		12YI-GT3	512KB SPI SER CMOS EEPROM		M	2023-06-08	3		PH1		:	31.2		mg	Each		
Manufacturing Pro	ccess Information	l						1							1	-	
Terminal Plating / Grid Array Material			Terminal Base Alloy J-ST		J-STD-020 MS	L Rating	Peak P	Peak Process Body Temperatu		ture M	ure Max Time at Peak Tem		emperature Number of		f Reflow Cycl	es	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)			CU Alloy 1		1		260		C	30	<b>30</b> seco		econds 3				
Comments									•	·							
evel 1 - maximum time a	at peak temperature d	luring sol	dering is 10-3	0 seconds													
or more information re	garding material com	position 1	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), 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 y 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	0.66	mg	Supplier	Silicon (Si)	7440-21-3		0.66	mg
Die Attach	0.12	mg	Supplier	Silver (Ag)	7440-22-4		0.09	mg
			Supplier	Epoxy resins	129915-35-1		0.03	mg
Lead Frame	10.96	mg	Supplier	Magnesium (Mg)	7439-95-4		0.0164	mg
			Supplier	Silicon (Si)	7440-21-3		0.0712	mg
			В	Nickel (Ni)	7440-02-0		0.3288	mg
			Supplier	Copper (Cu)	7440-50-8		10.5435	mg
Mold Compound-Black	19.21	mg		Epoxy resin	proprietary data		0.9605	mg
			Supplier	Phenolic Resin	Proprietary Data		0.9605	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.3842	mg
			Supplier	Carbon Black (C)	1333-86-4		0.096	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		16.8088	mg
Plating	0.12	mg	Supplier	Palladium (Pd)	7440-05-3		0.0075	mg
			В	Nickel (Ni)	7440-02-0		0.1113	mg
			Supplier	Gold (Au)	7440-57-5		0.0013	mg
Vire Bond - Au	0.13	mg	Supplier	Gold (Au)	7440-57-5		0.13	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).