	Material Composit © Copyright 2005. IPC, 1 nternational and Pan-An	Bannockb	urn, Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a decla he declaratio	tration of	the substance the substance passes all low	es within ver level i	the manufactur naterials for w	rer listed it hich the m	em. No anufact	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 Ty http://www.ipc.org/IPC-175x Distribut				Form Type Distribute	e *	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					als and Mfg Information				
Supplier Informati	ion															
Company name*			Company unique ID			Unique ID Authority					Response Date*					
onsemi												2023-06-08				
Contact Name	Title - Contact				Phone - Contact*					Email - Contact*						
Product-Env-Stewards			Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com					
Authorized Representative*			Title - Representative			Phone - Representative*				Email - Representative*						
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
Requester Ite	Requester Item Number Mfr Iter		Number	Mfr Item Name			Effective Date Version Man		Manufa	Manufacturing Site		Weight*	k	UOM	Unit Type	
	CAT3210		)HU2-GT3	GT3 ROTARY HAPTIC DRIVER			2023-06-08	3		TH6		e	5.9		mg	Each
Manufacturing Pro	occess Information	L					·									
Terminal Plating / Grid Array Material		al T	erminal Base A	minal Base Alloy J-ST		L Rating	Peak P	Peak Process Body Temperat		ture Max Time at Peak Te		Temperat	Temperature Number		f Reflow Cycl	es
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)			U Alloy 1		1		260		С	<b>30</b> seco		secon	econds 3			
Comments																
evel 1 - maximum time	at peak temperature d	luring sol	dering is 10-3	0 seconds												
For more information r	egarding material com	position j	please refer to	page 3												

RoHS Material Composition Declaration				Declaration Type *	Detailed						
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	oHS 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 hthalate (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 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	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	0.21	mg	Supplier	Silicon (Si)	7440-21-3		0.21	mg
Die Attach	0.1	mg	Supplier	Silver (Ag)	7440-22-4		0.075	mg
			Supplier	Epoxy resins	129915-35-1		0.025	mg
Lead Frame	2.94	mg	Supplier	Magnesium (Mg)	7439-95-4		0.0044	mg
			Supplier	Silicon (Si)	7440-21-3		0.0191	mg
			В	Nickel (Ni)	7440-02-0		0.0882	mg
			Supplier	Copper (Cu)	7440-50-8		2.8283	mg
Mold Compound-Black	3.45	mg		Epoxy Phenol Resin	proprietary data		0.3623	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		3.0877	mg
Plating	0.09	mg	Supplier	Palladium (Pd)	7440-05-3		0.0056	mg
			В	Nickel (Ni)	7440-02-0		0.0834	mg
			Supplier	Gold (Au)	7440-57-5		0.001	mg
Wire Bond - Au	0.11	mg	Supplier	Gold (Au)	7440-57-5		0.11	mg