	Material Composit © Copyright 2005. IPC, 1 international 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 on enco	of the substa mpasses all	ances w lower l	ithin the m evel materi	anufactur ials for wh	er listed it hich the m	em. No anufac	ote: if the turer has	e item is an as s engineering	sembly with low responsibility.
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					us Materia	als and Mfg Information						
Supplier Informat	tion																
Company name*			Company unique ID			1	Unique ID Authority					Response Date*					
nsemi										2024-04-24							
Contact Name	Title - Contact]	Phone - Contact*						Email - Contact*						
Product-Env-Steward	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 It	Requester Item Number Mfr Item Nu NCV48220E		n Number Mfr Item Name				Effective D	ate V	/ersion	Ma	Manufacturing Site		V	Weight [*]	*	UOM	Unit Type
				G 150mA Very Low IQ LDO with Charge Pump Boost Converter			2024-04-24	L I	PH1			72.0			mg	Each	
/Ianufacturing Pr	occess Information	L															
Terminal Pla	Terminal Plating / Grid Array Material		rminal Base Alloy J-STD-0		J-STD-020 MS	L Rating	Peak P	Process Body Temperature Max Time a		e at Peak	eak Temperature N		lumber o	of Reflow Cyc	les		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)			U Alloy 1		1		260		С		30		seconds 3				
Comments																	
vel 1 - maximum time	e at peak temperature d	luring sol	dering is 10-3	0 seconds													
or more information	regarding material com	position	please refer to	page 3													

RoHS Material Composition Declaration				Declaration Type *	Detailed
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		nium (Cr6+), Polybro	ominated Biphenyls (PBB), Polybron	dmium and quantity limit of 0.1% by mass (100 minated Diphenyl Ethers (PBDE), and Bis(2-eth	
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	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	1.33	mg	Supplier	Silicon (Si)	7440-21-3		1.33	mg
Die Attach	2.4	mg		Epoxy resin	proprietary data		0.24	mg
			Supplier	Silver (Ag)	7440-22-4		1.92	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.24	mg
Lead Frame	38.953	mg	Supplier	Silver (Ag)	7440-22-4		0.818	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0779	mg
			Supplier	Iron (Fe)	7439-89-6		0.9738	mg
			Supplier	Copper (Cu)	7440-50-8		37.0833	mg
Mold Compound-Black	28.58	mg		Epoxy resin	proprietary data		2.1435	mg
			Supplier	Phenolic Resin	Proprietary Data		0.7145	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		2.1435	mg
			Supplier	Carbon Black (C)	1333-86-4		0.1429	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		23.4356	mg
Plating	0.547	mg	Supplier	Palladium (Pd)	7440-05-3		0.0383	mg
			В	Nickel (Ni)	7440-02-0		0.4978	mg
			Supplier	Gold (Au)	7440-57-5		0.0109	mg
Wire Bond - Au	0.19	mg	Supplier	Gold (Au)	7440-57-5		0.19	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).