© Copyrig	I Composition D ht 2005. IPC, Bannoo al and Pan-American	kburn, Illinois. A	Il rights reserved ntions.	under both	This docume level parts, t	ent is a declarati he declaration e	on of the su	ibstances v s all lower	vithin the manufactur level materials for w	rer listed iter hich the mar	n. Note: if ufacturer	f the item is an as has 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 Materi					als and Mfg Information			
upplier Information													
Company name*			Company unique ID			Unique ID Authority				Response Date*			
nsemi									2023-06-08				
Contact Name Title - C			itle - Contact			Phone - Contact*				Email - Contact*			
Product-Env-Stewards P			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative* Title			Fitle - Representative			Phone - Representative*			Email - Representative*				
Product-Env-Stewards Pr			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Requester Item Number Mfr Iten		n Number Mfr Item Name				Effective Date	Version	М	lanufacturing Site	We	ight*	UOM	Unit Type
	NCV7 G	NCV70514MW007R2 C514B-Cold G		cold Boost		2023-06-08		B	BE4		8	mg	Each
Aanufacturing Proccess I	nformation												
Terminal Plating / Grid	nal Plating / Grid Array Material Terminal Base		Alloy	J-STD-020 MSL Rating		Peak Process Body Temperature Max Tir		Max Time at Peak	ak Temperature Number of Reflow Cycles		les		
Matte Tin (Sn) - annealed CU		CU Alloy	1			<b>260</b> C		C	30 seco		seconds 3		
omments													
vel 1 - maximum time at peak t	temperature during	oldering is 10-3	0 seconds										
or more information regarding	material composition	n 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 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.

sigma range of distribution unless	otherwise noted).							-
Homogeneous Material Weight Unit of Mo		Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.25	mg	Supplier	Silicon (Si)	7440-21-3		0.25	mg
Die Attach Epoxy	0.37	mg		Epoxy resin	proprietary data		0.111	mg
			Supplier	Diethylene glycol monoethyl ether acetate	112-15-2		0.1295	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.1295	mg
Lead Frame	5.81	mg	Supplier	Silver (Ag)	7440-22-4		0.9877	mg
			Supplier	Iron (Fe)	7439-89-6		0.0465	mg
			Supplier	Copper (Cu)	7440-50-8		4.7758	mg
Mold Compound-Black	7.0	mg		Epoxy Phenol Resin	proprietary data		0.735	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		6.265	mg
Plating	0.41	mg	Supplier	Tin (Sn)	7440-31-5		0.41	mg
Wire Bond - Au	0.96	mg	Supplier	Gold (Au)	7440-57-5		0.96	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).