ABBOCIATION CONNECTING LECTRONICS INDUSTRIES® INTERNATIONAL OF AN AND A CONNECTING	Bannockb	urn, Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a decla	ration of on encom	f the substan	ices wit	thin the manufacture evel materials for wh	er listed it nich the m	em. Note: anufacture	if the item is an er has engineeri	assembly with lower ng responsibility.	
	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					als and Mfg Information				
Supplier Information															
Company name*	Company unique ID			Unique ID Authority					Response Date*						
onsemi											2023-06-08				
Contact Name Title - Contact				Pho			Phone - Contact*					Email - Contact*			
Product-Env-Stewards	nviro Compliance			NA					Product-Env-Stewards@onsemi.com						
Authorized Representative* Title - Representative			resentative P			Phone - Representative*				Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com						
Requester Item Number	Mfr Item Number		iber Mfr Item Name			Effective D	Effective Date Version Manufacturing Site		nufacturing Site	1	Weight*	UOM	Unit Type		
	N84C163	N84C163WD25TG CPU SUP		SUP WITH 16K EEPROM		2023-06-08	3		TH	TH6		7.46	mg	Each	
Manufacturing Proccess Information	1						1						I	I	
Terminal Plating / Grid Array Materi	l Terminal Base A		Alloy	J-STD-020 MSL Rating		Peak Process Body Te		ody Temper	berature Max Time at Peak T		Temperature Number of Reflow Cycles		Cycles		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		С		30 seco		econds 3			
Comments			· · · · ·												
evel 1 - maximum time at peak temperature o	luring sol	dering is 10-3	0 seconds												
or more information regarding material con	position j	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	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	2.65	mg	Supplier	Silicon (Si)	7440-21-3		2.65	mg
Die Attach	0.21	mg	Supplier	Silver (Ag)	7440-22-4		0.168	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		0.042	mg
Lead Frame	27.35	mg	Supplier	Zinc (Zn)	7440-66-6		0.0274	mg
			Supplier	Iron (Fe)	7439-89-6		0.6291	mg
			Supplier	Copper (Cu)	7440-50-8		26.6663	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0274	mg
Mold Compound-Black	46.76	mg		Epoxy resin	proprietary data		2.338	mg
			Supplier	Phenolic Resin	Proprietary Data		2.338	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.9352	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2338	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		40.915	mg
Plating	0.34	mg	Supplier	Palladium (Pd)	7440-05-3		0.0211	mg
			В	Nickel (Ni)	7440-02-0		0.3152	mg
			Supplier	Gold (Au)	7440-57-5		0.0036	mg
Wire Bond - Au	0.15	mg	Supplier	Gold (Au)	7440-57-5		0.15	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).