ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and Pa	IPC, Bannock	burn, Illinois. A	Il rights reserved u ntions.	nder both	This docume level parts, t	ent is a declar the declaratio	ration of n encon	f the substance npasses all low	es within ver level i	the manufacture materials for v	urer listed in which the m	em. No anufac	ote: if the cturer has	item is an as engineering	sembly with low responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				e *	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mate					rials and M	ials and Mfg Information				
Supplier Information																
Company name* Comp			Company unique ID I			Unique ID Authority					Respons	Response Date*				
onsemi											2023-06-08					
Contact Name Title - Contact				Phone - Contact*			t* Ema				nail - Contact*					
Product-Env-Stewards	Product Envi	duct Enviro Compliance			NA					Produc	Product-Env-Stewards@onsemi.com					
Authorized Representative* Title - I			itle - Representative			Phone - Representative*				Email -	Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance				NA				Produc	Product-Env-Stewards@onsemi.com						
Requester Item Number	lumber Mfr Item N		n Number Mfr Item Name			Effective Da	ve Date Version		Manufacturing Site PH1		,	Weight	t*	UOM	Unit Type	
	MC140	AC14011BDTR2G LOG CMOS		MOS GATE NAND QUAD		2023-06-08					4	51.764		mg	Each	
Aanufacturing Proccess Informa	ntion					, 			I					1	1	
Terminal Plating / Grid Array M	laterial '	Ferminal Base	Alloy	J-STD-020 MSL Ratir		Peak Process Bo		Body Temperature Max Time at Peal		k Temperat	Temperature Numb		f Reflow Cyc	les		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		С	30		secon	ds 3	3			
omments																
vel 1 - maximum time at peak temperat	ure during so	dering is 10-3	0 seconds													
or more information regarding materia	l composition	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	1.476	mg	Supplier	Silicon (Si)	7440-21-3		1.476	mg
Die Attach	0.191	mg		Epoxy resin	proprietary data		0.0439	mg
			Supplier	Silver (Ag)	7440-22-4		0.1471	mg
Lead Frame	14.903	mg	Supplier	Silver (Ag)	7440-22-4		0.6796	mg
			Supplier	Magnesium (Mg)	7439-95-4		0.0209	mg
			Supplier	Silicon (Si)	7440-21-3		0.0924	mg
			В	Nickel (Ni)	7440-02-0		0.4262	mg
			Supplier	Copper (Cu)	7440-50-8		13.6839	mg
Mold Compound-Black	34.856	mg		Epoxy resin	proprietary data		1.7428	mg
			Supplier	Phenol Resin	Proprietary Data		1.3942	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		3.4856	mg
			Supplier	Carbon Black (C)	1333-86-4		0.3486	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		27.8848	mg
lating	0.239	mg	Supplier	Tin (Sn)	7440-31-5		0.239	mg
Wire Bond	0.099	mg	Supplier	Palladium (Pd)	7440-05-3		0.002	mg
			Supplier	Copper (Cu)	7440-50-8		0.097	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).