ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and Pan-	C, Bannockl	burn, Illinois. A	Il rights reserved nations.	under both	This docum level parts, t	ent is a declar the declaration	ation of the s encompass	substances es all lowe	within the r er level mate	manufacture rials for wh	er listed ite hich the ma	m. Note: nufacture	if the item is an a er has engineering	ssembly with low responsibility.
	IPC Web Site for Information on IPC-1752 Standard Forr http://www.ipc.org/IPC-175x Dist				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater				ous Materia	ials and Mfg Information				
Supplier Information														
Company name*			Company unique ID			Unique ID Authority					Response Date*			
onsemi											2023-06-08			
Contact Name Title - Contact			itact			Phone - Contact*				Email - Contact*				
Product-Env-Stewards Product E			uct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Repre			resentative			Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product			roduct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	er Item Number Mfr Item I		Number Mfr Item Name			Effective Da	te Version	Version Manufacturing Site		W	eight*	UOM	Unit Type	
	MC74V G	MC74VHCT00ADR2 LOG CM0 G		CMOS GATE NAND QUAD		2023-06-08		-	PH1		12	2.05	mg	Each
Aanufacturing Proccess Informat	ion													
Terminal Plating / Grid Array Mat	Material Terminal Base		Alloy	by J-STD-020 MSL Ratin		Peak Pr	Process Body Temperature Ma		re Max Tir	ne at Peak '	Temperature Number of Reflow Cycles		cles	
Matte Tin (Sn) - annealed CU Alloy				1		260		С	30		second	3		
omments														
vel 1 - maximum time at peak temperatu	re during so	Idering is 10-3	0 seconds											
or more information regarding material c	omposition	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 opthalate (BBP), Dibutyl phthalate (DBP), Disobutyl 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 co 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	0.98	mg	Supplier	Silicon (Si)	7440-21-3		0.98	mg
Die Attach	4.44	mg	Supplier	Silver (Ag)	7440-22-4		3.33	mg
			Supplier	Epoxy resins	129915-35-1		1.11	mg
Lead Frame 6	69.62	mg	Supplier	Silver (Ag)	7440-22-4		0.7658	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0835	mg
			Supplier	Iron (Fe)	7439-89-6		1.6361	mg
			Supplier	Copper (Cu)	7440-50-8		67.1137	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0209	mg
Mold Compound-Black	43.43	mg		Epoxy Phenol Resin	proprietary data		4.5601	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		38.8699	mg
Plating	3.27	mg	Supplier	Tin (Sn)	7440-31-5		3.27	mg
Wire Bond - Au	0.31	mg	Supplier	Gold (Au)	7440-57-5		0.31	mg