ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES INTERNAL MOUSTRIES INTERNAL INDUSTRIES INTERNAL	burn. Illinois. All rights reserved	l under both This c	document is a declar parts, the declaratio	ation of the subst	tances within the manufacture l lower level materials for w	rer listed item. Note: hich the manufacture	if the item is an as er has engineering	sembly with lowe responsibility.	
IPC Web Site for Information on http://www.ipc.org/IPC-175x	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute			Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information					
Supplier Information									
Company name*	any name* Company unique ID		Unique ID Authority			Response Date*			
onsemi						2023-06-08			
Contact Name	Title - Contact		Phone - Con	Phone - Contact*			Email - Contact*		
Product-Env-Stewards	ards Product Enviro Compliance			NA			Product-Env-Stewards@onsemi.com		
Authorized Representative*	norized Representative* Title - Representative		Phone - Representative*			Email - Representative*			
Product-Env-Stewards	Product Enviro Compliance		NA			Product-Env-Stewards@onsemi.com			
Requester Item Number Mfr Iter	Number Mfr Item Name		Effective Da	te Version	Manufacturing Site	Weight*	UOM	Unit Type	
MC74H	C139ADG LOG CMOS D	CODER	2023-06-08		PH1	142.68	mg	Each	
Manufacturing Proccess Information									
Terminal Plating / Grid Array Material	Terminal Base Alloy	J-STD-020 MSL Ratir	ng Peak Pr	Peak Process Body Temperature		Temperature Num	ber of Reflow Cy	cles	
Matte Tin (Sn) - annealed CU Alloy 1		1	260	С	30	seconds 3			
omments									
evel 1 - maximum time at peak temperature during so	oldering is 10-30 seconds								
or more information regarding material composition	0								

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), Dibutyl 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.

select a ROHS exemption, if appli sigma range of distribution unless	otherwise noted).	it of the substance of the Pl	PM concentration	[F] Optionally enter the positive (+) and n	legative (-) tolerance in per	cent (Note: percer	it tolerance values are	expected to cover a 3
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	2.73	mg	Supplier	Silicon (Si)	7440-21-3		2.73	mg
Die Attach	4.85	mg	Supplier	Silver (Ag)	7440-22-4		3.6375	mg
			Supplier	Epoxy resins	129915-35-1		1.2125	mg
Lead Frame 75.	75.92	mg	Supplier	Silver (Ag)	7440-22-4		0.7592	mg
			Supplier	Zinc (Zn)	7440-66-6		0.1518	mg
			Supplier	Iron (Fe)	7439-89-6		1.9739	mg
			Supplier	Copper (Cu)	7440-50-8		73.035	mg
Mold Compound-Black	55.11	mg		Epoxy resin	proprietary data		2.7555	mg
			Supplier	Phenolic Resin	Proprietary Data		2.7555	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		1.1022	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2756	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		48.2213	mg
Plating	3.73	mg	Supplier	Tin (Sn)	7440-31-5		3.73	mg
Wire Bond - Cu	0.34	mg	Supplier	Copper (Cu)	7440-50-8		0.34	mg