IPC Web Site for Information on IPC-1752 Standard http://www.ipc.org/IPC-175x	Response Date* 2023-06-08 Email - Contact* Product-Env-Ste	* :ewards@onsemi.	.com		
Company name* Company unique ID Unique ID Authority Insemi Contact Name Title - Contact Product-Env-Stewards Title - Representative Title - Representative Product-Env-Stewards	2023-06-08 Email - Contact* Product-Env-Ste	ewards@onsemi.	.com		
nsemi Interpolate Name Title - Contact Product Enviro Compliance NA Title - Representative Title - Representative Product Enviro Compliance NA Product Enviro Compliance NA NA NA Product Enviro Compliance NA	2023-06-08 Email - Contact* Product-Env-Ste	ewards@onsemi.	.com		
Contact Name Title - Contact Product-Env-Stewards Product Enviro Compliance NA Title - Representative Product-Env-Stewards Product-Env-Stewards Product Enviro Compliance NA NA Product-Env-Stewards Product Enviro Compliance NA	Email - Contact* Product-Env-Ste	ewards@onsemi.	.com		
Product-Env-Stewards Product Enviro Compliance NA Authorized Representative* Phone - Representative* Product-Env-Stewards Product Enviro Compliance NA	Product-Env-Ste	ewards@onsemi.	.com		
Authorized Representative* Title - Representative Product-Env-Stewards Product Enviro Compliance NA			com		
Product-Env-Stewards Product Enviro Compliance NA	Email - Represen	ntative*			
		Email - Representative*			
Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site	Product-Env-Stewards@onsemi.com				
	Weight*	UOM	Unit Type		
MC74VHC50DG LOG CMOS COUNTER 4BIT 2023-06-08 PH1	122.05	mg	Each		
Manufacturing Process Information Terminal Plating / Grid Array Material Terminal Base Alloy J-STD-020 MSL Rating Peak Process Body Temperature Max Time at Peak	Tamparatura Num	mber of Reflow C	Syalas		
		mber of Reflow C	Lycies		
Nature Tim (Sin)* ammeated CU Anoly 1	seconds 3				
omments					
vel 1 - maximum time at peak temperature during soldering is 10-30 seconds or more information regarding material composition please refer to page 3					

RoHS Material Composition Declaration			Declaration Type *	Detail	led				
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 (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP).									
Please indicate whether any homogeneous material (as defined by the RoHS Directive, EU 2011/65/EU and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury, cadmium, hexavalentchromium, polybrominated biphenyls and/or polybrominated diphenyl ethers (each a "RoHS restricted substance") in excess of the applicable quantity limit identified above. If a homogeneous material within the part contains a RoHS restricted substance inexcess of an applicable quantity limit, please indicate below which, if any, RoHS exemption you believe may apply. If the part is an assembly with lower level components, the declaration shall encompass all such components. Supplier certifies that it gathered the information it provides in this form using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledge and belief as of the date that Supplier completes this form. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive Company acknowledges that Supplier may have relied on informationprovided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its suppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier enter into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusivesource of the Supplier's liability and the Company's remedies for issues that arise regarding information the Supplier provide									
RoHS Declaration * 1 - Item	(s) does not contain RoHS restricted substa	ances per the definition above	Supplier Ac	cceptance *	Accepted				
Exemption: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose al applicable exemptions.									
Exemption List Version	EL-2011/534/EU								
Declaration Signature									
Instructional Complete all of the required	fields on all neggs of this form. Calcut th		a duan dawn. This will display the signature on	a Digitally sign	the declaration (if recruired by the				
Instructions: Complete all of the required Requester) and click on Submit Form to			e drop-down. This will display the signature ar	ea. Digitally sign	the declaration (if required by the				

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.

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).

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	4.44	_	Supplier	Silver (Ag)	7440-22-4		3.33	mg
			Supplier	Epoxy resins	129915-35-1		1.11	mg
Lead Frame	69.62	mg	Supplier	Silver (Ag)	7440-22-4		0.7658	mg
			Supplier	Zinc (Zn)	7440-66-6		0.1392	mg
			Supplier	Iron (Fe)	7439-89-6		1.8101	mg
			Supplier	Copper (Cu)	7440-50-8		66.9048	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