ABSOCIATION CONNECTING ELECTRONICE INDUSTRIES® INCLUSTRIES®	ckburn, Illinois. A	Il rights reserved un ntions.	nder both	This docume level parts, t	ent is a declara he declaration	tion of the encompass	substances es all low	s within the manufactu er level materials for w	rer listed which the	item. Note: i nanufacture	if the item is an as r has engineering	ssembly with lower responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute			*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials					s and Mfg Information			
Supplier Information													
Company name* Company unique ID				Unique ID Authority				Response Date*					
onsemi	ısemi								2023-0	2023-06-08			
Contact Name	Title - Contact				Phone - Contact*				Email ·	Email - Contact*			
Product-Env-Stewards	ct-Env-Stewards Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com					
uthorized Representative* Title - Representative				Phone - Representative*				Email - Representative*					
Product-Env-Stewards Product Enviro Compliance					NA				Product-Env-Stewards@onsemi.com				
Requester Item Number Mfr I	tem Number	Mfr Item Name			Effective Dat	e Versior	1	Manufacturing Site		Weight*	UOM	Unit Type	
MC1	10H124FNG BBG ECL TRNSL		LATR QUAD		2023-06-08	23-06-08 PH1		PH1		670.0	mg	Each	
Manufacturing Proccess Information											·		
Terminal Plating / Grid Array Material	terial Terminal Base Alloy J-		-STD-020 MSL	Rating	Peak Process Body Temp		Femperatu	ature Max Time at Peak Te		ture Numb	ber of Reflow Cyd	cles	
Matte Tin (Sn) - annealed CU Alloy 3			3		260		С	30	seco	nds 3			
Comments													
ATTENTION: MSL 3 Rated item requires Bake an	d Dry Pack (afte	electrical test)											
For more information regarding material composit	on 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 v 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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	1.99	mg	Supplier	Silicon (Si)	7440-21-3		1.99	mg	
Die Attach	10.81	mg	Supplier	Silver (Ag)	7440-22-4		8.1075	mg	
			Supplier	Epoxy resins	129915-35-1		2.7025	mg	
Lead Frame 1	169.28	mg	Supplier	Silver (Ag)	7440-22-4		1.5235	mg	
			Supplier	Zinc (Zn)	7440-66-6		0.3386	mg	
			Supplier	Iron (Fe)	7439-89-6		4.4013	mg	
			Supplier	Copper (Cu)	7440-50-8		163.0166	mg	
Mold Compound-Black	473.02	mg		Epoxy resin	proprietary data		23.651	mg	
			Supplier	Phenolic Resin	Proprietary Data		23.651	mg	
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		9.4604	mg	
			Supplier	Carbon Black (C)	1333-86-4		2.3651	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		413.8925	mg	
Plating	14.11	mg	Supplier	Tin (Sn)	7440-31-5		14.11	mg	
Wire Bond - Au	0.79	mg	Supplier	Gold (Au)	7440-57-5		0.79	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