© Copyright 2005. If	© Convright 2005 IPC Bannockhurn Illinois All rights reserved under both				This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.									
	IPC Web Site for Information on IPC-1752 Standard Form Ty				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia				ials and N	als and Mfg Information				
Supplier Information														
Company name* Co			Company unique ID			Unique ID Authority					Response Date*			
onsemi								2024-0			24-05-15			
Contact Name Title - Contact			t			Phone - Contact*				Email ·	Email - Contact*			
Product-Env-Stewards Product En			ct Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Repre			esentative		Phone - Representative*			Email - Representative*						
Product-Env-Stewards Produ			Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	ber Mfr Item Number		Mfr Item Name			Effective Date	Version]	Manufacturing Site		Weight*	UOM	Unit Type	
	MC100E	C100EP196BMNG BBG ECL PROG		DELAY FTUN	ίΕ	2024-05-15		1	PH1		74.3	mg	Each	
Manufacturing Proccess Informat	ion													
Terminal Plating / Grid Array Material Terminal Base Al		Alloy J	-STD-020 MSL	Rating	Peak Proc	ess Body T	emperatu	re Max Time at Peak	Tempera	ture Num	ber of Reflow Cyc	eles		
Matte Tin (Sn) - annealed CU Alloy			2		260		С	30	seco	nds 3				
Comments														
ATTENTION: MSL 2 Rated item requires	Dry Pack (a	after electrical	test)											
or more information regarding material	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 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 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.

mogeneous Material Weight Unit of Measure		Level Substance		CAS	Exempt	Weight	Unit of Measure	
Die	1.67	mg	Supplier	Silicon (Si)	7440-21-3		1.67	mg
Die Attach	0.37	mg	Supplier	Isobornyl Methacrylate	7534-94-3		0.0222	mg
			Supplier	Silver (Ag)	7440-22-4		0.3016	mg
			Supplier	Isobornyl Acrylate	5888-33-5		0.0222	mg
			Supplier	Misc.	Proprietary Data		0.0019	mg
			Supplier	Tricyclo[5.2.1.02,6]decanedimethanol Diacrylate (C18H24O4)	42594-17-2		0.0222	mg
Lead Frame	33.6	mg	Supplier	Silver (Ag)	7440-22-4		0.336	mg
			Supplier	Tin (Sn)	7440-31-5		0.084	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0739	mg
			Supplier	Chromium (Cr)	7440-47-3		0.084	mg
			Supplier	Copper (Cu)	7440-50-8		33.0221	mg
Mold Compound-Black	37.0	mg		Epoxy resin	proprietary data		1.739	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		3.7	mg
			Supplier	Carbon Black (C)	1333-86-4		0.037	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		29.785	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		1.739	mg
Plating	1.3	mg	Supplier	Tin (Sn)	7440-31-5		1.3	mg
Wire Bond - Au	0.36	mg	Supplier	Gold (Au)	7440-57-5		0.36	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).