BOCIATION CONNECTIVES © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.				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 Tyr				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				us Materials	als and Mfg Information			
upplier Information													
Company name*			Company unique ID			Unique ID Authority				Response Date*			
onsemi										2024-05-16			
Contact Name Title - Contact			zt J		Phone - Contact*			E	Email - Contact*				
Product-Env-Stewards Pr			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative* Title			itle - Representative			Phone - Representative*			E	Email - Representative*			
roduct-Env-Stewards	Product Enviro Compliance				NA			P	Product-Env-Stewards@onsemi.com				
Requester Item Number	Requester Item Number Mfr Item					Effective Date	Version	Manufacturing Site		Weight*	UOM	Unit Type	
	MC3315	ANA IGBT GATE		E DRIVER		2024-05-16	PH1			482.16	mg	Each	
Ianufacturing Proccess Inform	nation												
Terminal Plating / Grid Array	Terminal Plating / Grid Array Material Terminal Base		Alloy J	oy J-STD-020 MSL Rating		Peak Process Body Temperature Max		ature Max Tim	e at Peak Te	mperature Nu	mber of Reflow Cy	cles	
Matte Tin (Sn) - annealed C		CU Alloy NA			0 C 30		30		seconds 3				
omments													
or more information regarding mater	ial 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 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.

sigma range of distribution unless otherwise noted).										
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure		
Die	2.19	mg	Supplier	Silicon (Si)	7440-21-3		2.19	mg		
Die Attach	8.92	mg	Supplier	Silver (Ag)	7440-22-4		6.69	mg		
			Supplier	Epoxy resins	129915-35-1		2.23	mg		
Lead Frame	139.78	mg	Supplier	Silver (Ag)	7440-22-4		0.9785	mg		
			Supplier	Zinc (Zn)	7440-66-6		0.2796	mg		
			Supplier	Iron (Fe)	7439-89-6		3.6343	mg		
			Supplier	Copper (Cu)	7440-50-8		134.8877	mg		
Mold Compound-Black	317.53	mg		Epoxy Phenol Resin	proprietary data		33.3406	mg		
			Supplier	Fused Silica (SiO2)	60676-86-0		284.1893	mg		
Plating	13.56	mg	Supplier	Tin (Sn)	7440-31-5		13.56	mg		
Wire Bond - Au	0.18	mg	Supplier	Gold (Au)	7440-57-5		0.18	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 (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 signa range of distribution unless otherwise noted)