ASSOCIATION CONNICELECTRONICS INDUS	Material Comp © Copyright 2005. I international and Par	Material Composition Declaration © 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 lowe level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.								
752-21.1		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 Mater					ials and Mfg Information			
Supplier Info	ormation													
Company name*			Company un	Company unique ID			Unique ID Authority				Response Date*			
onsemi											2024-06-05			
Contact Name		Title - Contact			P	Phone - Contact*				Email - Contact*				
Product-Env-St	Stewards		Product Enviro Compliance			ľ	NA				Product-Env-Stewards@onsemi.com			
uthorized Rep	presentative*	Title - Representative			P	Phone - Representative*				Email - Representative*				
Product-Env-St	Stewards	Product Enviro Compliance			ı	NA				Product-Env-Stewards@onsemi.com				
Requ	Requester Item Number Mfr Item		tem Number Mfr Item Name				Effective Date	ate Version Manufacturing Site		V	Weight*	UOM	Unit Type	
		NCV47823PAAJR2G Dual High Side Switch with Constant Current and Diagn		witch with Adjustal and Diagnostic Fea	ible atures	2024-06-05		1	PH1		57.0	mg	Each	
Ianufacturi	ing Proccess Informa	tion												
Terminal Plating / Grid Array Material Terminal Base Alloy			Alloy	J-STD-020 MSL Ra	ASL Rating Peak Process Body Temperature Max Time at Peal					Temperat	ure Num	ber of Reflow Cyc	eles	
Matte Tin (Sn) - annealed		CU Alloy 1		1		260 C		С	30 sec		ds 3			
omments														
vel 1 - maximu	um time at peak temperatı	ıre during sol	ldering is 10-3	0 seconds										
or more inforn	mation 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 (DEHP), Benzyl-butyl 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 knowledges 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 information provided 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 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 Itability and the Company's remedies for issues that arise regarding information the Supplier provides in this form. In the absence of such written agreement, the warranty rights and/or remedies of Supplier's Standard Terms and Conditions of Sale applicable to su											
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 all 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	2.6	mg	Supplier	Silicon (Si)	7440-21-3		2.6	mg
Die Attach	1.3	mg		Epoxy resin	proprietary data		0.26	mg
			Supplier	Silver (Ag)	7440-22-4		1.04	mg
Lead Frame	30.25		Supplier	Silver (Ag)	7440-22-4		0.0242	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0363	mg
			Supplier	Iron (Fe)	7439-89-6		0.7109	mg
			Supplier	Copper (Cu)	7440-50-8		29.4696	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0091	mg
Mold Compound-Black	22.25			Epoxy resin	proprietary data		1.5575	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0667	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		20.2475	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.3782	mg
Plating	0.51	mg	Supplier	Tin (Sn)	7440-31-5		0.51	mg
Wire Bond	0.09	_	Supplier	Palladium (Pd)	7440-05-3		0.0009	mg
			Supplier	Copper (Cu)	7440-50-8		0.0891	mg