IPC ASSOCIATION ELECTRONIC	Material Compo © Copyright 2005. If cs industries international and Pan	PC, Bannockb	urn, Illinois. A	all rights reserved un	nder both	This docume level parts, t	ent is a declar the declaration	ration of n encon	f the substances mpasses all lowe	within the r level ma	e manufactur iterials for w	er listed it hich the m	em. Note: i	f the item is an as r has engineering	sembly with loweresponsibility.
1752-21.1	IPC Web Site for Information on IPC-1752 Standard http://www.ipc.org/IPC-175x Form Type Distribute				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					ials and Mfg Information					
Supplie	r Information														
Company name* Company unique ID				ique ID	Unique ID Autho			Authority				Response Date*			
onsemi												2023-06-08			
Contact N	lame		Title - Contact				Phone - Contact*					Email - Contact*			
Product-l	Env-Stewards		Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Authorize	ed Representative*	Title - Representative				Phone - Representative*				Email - Representative*					
Product-l	Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
	Requester Item Number Mfr Item		Number Mfr Item Name				Effective Da	ite Ve	ve Version Manufacturing Site		iring Site	,	Weight*	UOM	Unit Type
		LM285Z-2.5RPG ANA		ANA MICROPWI	ANA MICROPWR V-REG DIODE		2023-06-08			CNF		1	198.01	mg	Each
Manufa	cturing Proccess Informat	tion													
	Terminal Plating / Grid Array Material Te		'erminal Base Alloy J-STD-020 M		-STD-020 MSI	_ Rating	Peak Process Body Temperate		ture Max Time at Peak Tempera		Temperat	ure Numb	per of Reflow Cyc	eles	
	Matte Tin (Sn) - annealed		CU Alloy NA			0 C		30 seco		secon	ds 3				
Comments	3														
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 (DEHP), Benzyl-butyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP).											
cadmium, hexavalentchromium, polybromir contains a RoHS restricted substance inexce encompass all such components. Supplier ce as of the date that Supplier completes this fo Company acknowledges that Supplier may l independently verified information provided certification in this paragraph. If the Compan	nated biphenyls and/or polybrominated dipless of an applicable quantity limit, please intifies that it gathered the information it prome. Supplier acknowledges that Company have relied on information provided by other by others, Supplier agrees that, at a mining and the Supplier enter into a written agree esource of the Supplier's liability and the	henyl ethers (each a "RoHS restricted substational substance below which, if any, RoHS exemption by desired in this form using appropriate method will rely on this certification in determining ters in completing this form, and that Supplies have provided certification between the will respect to the identified part, the Company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects the company is the co	ws of the European Union member states) of the pnce") in excess of the applicable quantity limit iden you believe may apply. If the part is an assemble is to ensure its accuracy and that such information the compliance of its products with European Union may not have independently verified such informs regarding their contributions to the part, and tho terms and conditions of that agreement, including the provides in this formation information the Supplier provides in this formation.	entified above. If a y with lower level is true and correct on member state la nation. However, in se certifications are any warranty rigl	n homogeneous material within the part components, the declaration shall t to the best of its knowledge and belief, aws that implement the RoHS Directive. In situations where Supplier has not e at least as comprehensive as the hts and/or remedies provided as part of						
RoHS Declaration * 1 - Item	(s) does not contain RoHS restricted substa	ances per the definition above	Supplier Ac	ceptance *	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 recurined 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	3.2	mg	Supplier	Silicon (Si)	7440-21-3		3.2	mg
Die Attach	5.15		Supplier	Silver (Ag)	7440-22-4		3.8625	mg
			Supplier	Epoxy resins	129915-35-1		1.2875	mg
Lead Frame	80.67	mg	Supplier	Silver (Ag)	7440-22-4		0.4033	mg
			Supplier	Copper (Cu)	7440-50-8		80.2666	mg
Mold Compound-Black	106.15	mg		Metal Hydroxide	proprietary data		5.3075	mg
			Supplier	Carbon Black (C)	1333-86-4		1.0615	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		79.6125	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		10.615	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		9.5535	mg
Plating	2.74	mg	Supplier	Tin (Sn)	7440-31-5		2.74	mg
Wire Bond - Au	0.1	mg	Supplier	Gold (Au)	7440-57-5		0.1	mg