© Copyright 2005. IP	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 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 http://www.ipc.org/IPC-175x Distri				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and I					ials and M	nd Mfg Information			
Supplier Information														
Company name* Com			Company unique ID			Unique ID Authority				Response Date*				
onsemi											2023-06-08			
ontact Name Title - Contact			et			Phone - Contact*				Email - Contact*				
Product-Env-Stewards Product Env			Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Repre			esentative		Phone - Representative*			Email - Representative*						
Product-Env-Stewards Product			roduct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Item	Number	Mfr Item Name			Effective Date	Version	Ν	Manufacturing Site		Weight*	UOM	Unit Type	
	MC3416	C34167D2TG ANA DC-DC		5A PWR SW REG		2023-06-08		N	MY1		1617.9136	mg	Each	
Manufacturing Proccess Informat	ion													
Terminal Plating / Grid Array Mat	Material Terminal Base A		Alloy J	J-STD-020 MSL Rating		Peak Proc	Peak Process Body Temperatur		are Max Time at Peak Tempera		mperature Number of Reflow Cycles		cles	
Matte Tin (Sn) - annealed CU Alloy		1	l		260		С	30	secon	nds 3				
Comments														
evel 1 - maximum time at peak temperatur	e during sol	dering is 10-3	0 seconds											
for more information regarding material c	omposition	please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed						
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	(Pb), Mercury (Hg), Hexavalent Chro	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), Disobutyl 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 knowledge 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 informationprovided by others in completing this form, and that Supplier may not have independently verified information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, itssuppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in the sole and exclusivesource of the Supplier is liability 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 andConditions of Sale applicable to such part shall apply.											
RoHS Declaration * 4 - Item(	s) does not contain RoHS restricted subst	ances per the definition above except for sele	ected exempt	ions Supplier Acceptance	* Accepted						
Exemption: 7a: Lead in high melting temp	erature type solders (i.e. lead based sol	der alloys containing 85% by weight or m	ore lead).								
Exemption List Version	EL-2011/534/EU										
Declaration Signature											
Instructions: Complete all of the required Requester) and click on Submit Form to h			e drop-dowi	a. This will display the signature area. Digita	lly sign the declaration (if required by the						
Supplier Digital Signature	astislav 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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.19	mg	Supplier	Silicon (Si)	7440-21-3		0.19	mg
Die Attach	11.31	mg	А	Lead (Pb)	7439-92-1	7a	10.7445	mg
			Supplier	Tin (Sn)	7440-31-5		0.5655	mg
Lead Frame	851.27	mg	В	Nickel (Ni)	7440-02-0		2.5538	mg
			Supplier	Copper (Cu)	7440-50-8		848.7162	mg
Mold Compound-Black	727.2536	mg		Epoxy resin	proprietary data		36.3627	mg
			Supplier	Phenolic Resin	Proprietary Data		36.3627	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		14.5451	mg
			Supplier	Carbon Black (C)	1333-86-4		3.6363	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		636.3469	mg
Plating	27.15	mg	Supplier	Tin (Sn)	7440-31-5		27.15	mg
Wire Bond - Cu	0.74	mg	Supplier	Copper (Cu)	7440-50-8		0.74	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 signa range of distribution unless otherwise noted).