IPC ASSOCIATION ELECTRONICS	Material Con © Copyright 2005 international and	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				e *	Declaration Class * Class 6 - RoHS Yes/No. Homogeneous Materi					ials and Mfg Information			
upplier	Information						·								
Company name* Company uniqu				que ID Unique			Unique ID Authority				Response Date*				
nsemi												2023-06-08			
ontact Na	nme	Title - Conta	Title - Contact			Phone - Contact*					Email - Contact*				
Product-E	nv-Stewards		Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com			
uthorized	Representative*	Title - Representative			1	Phone - Representative*					Email - Representative*				
roduct-E	nv-Stewards	Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com				
	Requester Item Number		Mfr Item Number Mfr Item Name			Effective		e Ver	sion	Manufacturing Site		1	Weight*	UOM	Unit Type
		NCV7812BTG ANA 1A 12V V		ANA 1A 12V VRE	EG	2023-06-08		Т	MY1		1	1365.61	mg	Each	
	turing Process Inform		Corminal Daga	Alloy	STD-020 MS	I Dating	Dook Pro	anns Po	dy Tampara	May Ti	ma at Paak	Tamparat	uro Numb	or of Poflow Cur	Jac
	Č ,		Terminal Base Alloy J-STD-02 CU Alloy NA			L Kanng	0	C Process Body Temperature Max Time at 1		ne at Peak	seconds 3		ries		
omments	viate III (SII) - aimealeu		CC Miloy	IN	<u> </u>		U			30		Secon	uo J		
onments															
r more i	nformation regarding mater	ial composition	nlesse refer t	n naga 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 (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 * 4 - Item(s) does not contain RoHS restricted substance	es per the definition above except for selected exemp	otions Supplier Acceptance	* Accepted						
Exemption: 7a: Lead in high melting temperature type solders (i.e. lead based solder alloys containing 85% by weight or more lead).										
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.										
Supplier Digital Signature Ra	astislav Drska	-6_								

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	1.61	mg	Supplier	Silicon (Si)	7440-21-3		1.61	mg
Die Attach	0.21	mg	A	Lead (Pb)	7439-92-1	7a	0.1995	mg
			Supplier	Tin (Sn)	7440-31-5		0.0105	mg
Lead Frame	677.24		В	Nickel (Ni)	7440-02-0		0.3386	mg
			Supplier	Iron (Fe)	7439-89-6		0.6772	mg
			Supplier	Copper (Cu)	7440-50-8		676.0209	mg
			Supplier	Phosphorus (P)	7723-14-0		0.2032	mg
Mold Compound-Black	644.0			Phenolic Resin	proprietary data		38.64	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		64.4	mg
			Supplier	Carbon Black (C)	1333-86-4		3.22	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		48.3	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		489.44	mg
Plating	42.4	mg	Supplier	Tin (Sn)	7440-31-5		42.4	mg
Wire Bond - Cu	0.15	mg	Supplier	Copper (Cu)	7440-50-8		0.15	mg