IPC ASSOCIATION CONNECT ELECTRONICS INDUSTR	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.											
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 Materi				rials and N	ials and Mfg Information				
upplier Infor	mation														
Company name*			Company unique ID			τ	Unique ID Authority				Respon	Response Date*			
onsemi										2024-0	2024-05-18				
Contact Name		Title - Contact			1	Phone - Contact*				Email	Email - Contact*				
Product-Env-Stev	vards	Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com				
Authorized Representative*			Title - Representative			1	Phone - Representative*				Email	Email - Representative*			
Product-Env-Stewards			Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com			
Reques	ster Item Number			Mfr Item Name			Effective Date	e Versi	on	Manufacturing Site		Weight*	UOM	Unit Type	
				NCH 4V DRIVE S	NCH 4V DRIVE SERIES		2024-05-18 CNG			8.39	mg	Each			
	g Process Informat				GETT 000 1 10						1				
8		,		STD-020 MS	SL Rating		ocess Body Temperature Max Time at Peak				per of Reflow Cyc	eles			
contain	s Bi	C	CU Alloy	1			260		C	30	seco	nds 3			
omments															
	time at peak temperatur														
r more informa	tion regarding material c	composition	please refer t	o page 3											

RoHS Material Composition Declaration			Declaration Type *	Detailed						
irective 2015/863/EU amending RoHS irective 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 suppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this 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 of Supplier's Standard Terms andConditions of Sale applicable to such part shall apply.										
RoHS Declaration * 4 - Item(s) does not contain RoHS restricted substance	s per the definition above except for selected exemp	tions 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	-En								

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	0.22	mg	Supplier	Silicon (Si)	7440-21-3		0.22	mg
Die Attach Solder	0.16	mg	Supplier	Silver (Ag)	7440-22-4		0.004	mg
			A	Lead (Pb)	7439-92-1	7a	0.148	mg
			Supplier	Tin (Sn)	7440-31-5		0.008	mg
Lead Frame	3.62	mg	Supplier	Silver (Ag)	7440-22-4		0.0854	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0069	mg
			В	Nickel (Ni)	7440-02-0		0.0145	mg
			Supplier	Iron (Fe)	7439-89-6		0.0916	mg
			Supplier	Copper (Cu)	7440-50-8		3.4166	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0051	mg
Mold Compound-Black	4.21	mg		Epoxy Phenol Resin	proprietary data		0.0337	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0421	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.2526	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		3.368	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		0.5052	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		0.0084	mg
Plating	0.11	mg	В	Bismuth (Bi)	7440-69-9		0.0007	mg
			Supplier	Tin (Sn)	7440-31-5		0.1093	mg
Wire Bond - Cu	0.07	mg	Supplier	Copper (Cu)	7440-50-8		0.07	mg