© Copyrig	I Composition D tht 2005. IPC, Bannocl al and Pan-American	burn, Illinois. A	Il rights reserved u ntions.	nder both	This docume level parts, th	ent is a declar he declaration	ration of n encom	the substances the substances approximately the substances all low	s within the er level ma	e manufactur terials for wl	er listed ite hich the m	em. Note anufactu	e: if the item is irer has enginee	an assembly with low ring responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Ty   http://www.ipc.org/IPC-175x Distribut				e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					ials and Mfg Information				
Supplier Information															
Company name*	Company un	Company unique ID			Unique ID Authority					Response Date*					
onsemi											2023-06-07				
Contact Name	Title - Conta	Title - Contact			Phone - Contact*					Email - Contact*					
Product-Env-Stewards	Product Envi	Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com					
Authorized Representative*	Title - Repre	Title - Representative			Phone - Representative*				Email - Representative*						
Product-Env-Stewards	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com							
Requester Item Number	uester Item Number Mfr Iter		Mfr Item Name	Mfr Item Name High Current IGBT Gate Driver		Effective Da	ate Ve	ersion	Manufacturing Site		V	Veight*	UOM	Unit Type	
	SNCV	SNCV5700DR2G				2023-06-07 PH1			150.56 mg		Each				
Manufacturing Proccess I	nformation					1									
Terminal Plating / Grid	minal Plating / Grid Array Material Te		ninal Base Alloy J-STD-020		L Rating	Peak Process		Body Temperature Max Time at Peak		ime at Peak	Temperature Number of Reflow		v Cycles		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		С	<b>30</b> se		second	seconds 3			
Comments															
evel 1 - maximum time at peak t	temperature during s	oldering is 10-3	0 seconds												
or more information regarding	material composition	n please refer to	page 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 (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), Dibutyl phthalate (DBP), Dibutyl phthalate (DBP).											
cadmium, hexavalentchromium, polybrominate contains a RoHS restricted substance inexcess encompass all such components. Supplier certif as of the date that Supplier completes this form Company acknowledges that Supplier may hav independently verified information provided by certification in this paragraph. If the Company a	ed biphenyls and/or polybrominated dip of an applicable quantity limit, please ir ies that it gathered the information it pro- .Supplier acknowledges that Company e relied on informationprovided by othe y others, Supplier agrees that, at a minin and the Supplier enter into a written agre pource of the Supplier's liability and the	henyl ethers (each a " ndicate below which, i ovides in this form us will rely on this certifiers in completing this num, itssuppliers have eement with respect to Company's remedies	RoHS restricted substance") in exce if any, RoHS exemption you believe ing appropriate methods to ensure if ication in determining the complian form, and that Supplier may not have e provided certifications regarding the to the identified part, the terms and co for issues that arise regarding inform	ce of its products with European Union membe	ove. If a homogeneous material within the part er level components, the declaration shall l correct to the best of its knowledge and belief, r state laws that implement the RoHS Directive. wever, in situations where Supplier has not tions are at least as comprehensive as the anty rights and/or remedies provided as part of							
RoHS Declaration * 1 - Item(s)	does not contain RoHS restricted substa	ances per the definitio	on above	Supplier Acceptance	* Accepted							
Exemption: If the declared item does not con applicable exemptions.	ntain RoHS restricted substances per	the definition above	except for defined RoHS exempti	ons, then select the corresponding response i	n the RoHS Declaration above and choose all							
Exemption List Version	EL-2011/534/EU											
Declaration Signature												
Instructions: Complete all of the required fin Requester) and click on Submit Form to have	elds on all pages of this form. Select the form returned to the Requester	he "Accepted" on th	e Supplier Acceptance drop-down	. This will display the signature area. Digital	lly sign the declaration (if required by the							
Supplier Digital Signature Ra	stislav 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	1.58	mg	Supplier	Silicon (Si)	7440-21-3		1.58	mg
Die Attach	0.25	mg		Epoxy resin	proprietary data		0.025	mg
			Supplier	Ethylene dimethacrylate	97-90-5		0.0125	mg
			Supplier	Silver (Ag)	7440-22-4		0.2	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.0125	mg
Lead Frame	53.79	mg	Supplier	Zinc (Zn)	7440-66-6		0.0645	mg
			Supplier	Iron (Fe)	7439-89-6		1.2641	mg
			Supplier	Copper (Cu)	7440-50-8		52.4453	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0161	mg
Mold Compound-Black	94.04	mg		Epoxy resin	proprietary data		7.053	mg
			Supplier	Phenolic Resin	Proprietary Data		2.351	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		7.053	mg
			Supplier	Carbon Black (C)	1333-86-4		0.4702	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		77.1128	mg
Plating	0.75	mg	Supplier	Palladium (Pd)	7440-05-3		0.0525	mg
			В	Nickel (Ni)	7440-02-0		0.612	mg
			Supplier	Gold (Au)	7440-57-5		0.0855	mg
Wire Bond - Au	0.15	mg	Supplier	Gold (Au)	7440-57-5		0.15	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 sigma range of distribution unless otherwise noted).