ASSOCIATION ELECTRONIC	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. A international and Pan-American copyright conver			All rights reserved un	under both This do level pa		is 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.								
1752-21.1		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 M	ials and Mfg Information				
Supplier	Information														
Company	name*	Company unique ID			ī	Unique ID Authority				Response Date*					
onsemi											2023-00	2023-06-08			
Contact N	ame		Title - Contact]	Phone - Contact*				Email -	Email - Contact*			
Product-I	Env-Stewards		Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Authorize	d Representative*		Title - Representative			1	Phone - Representative*				Email - Representative*				
Product-F	Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective Da	Date Version Manufacturing Site			Weight*	UOM	Unit Type		
		SVC270-TL-E FM Varicap Twin V		VR 8V		2023-06-08	CNG			7.36	mg	Each			
	cturing Process Informa							İ					·	·	
	Terminal Plating / Grid Array Material			Terminal Base Alloy J-STD-020 MS		SL Rating	Peak Process Body Tem		ly Temperatu	perature Max Time at Peak T		ture Nu	mber of Reflow Cyc	les	
contains Bi			U Alloy 1			260	C		30	seconds 3					
Comments															
vel 1 - m	aximum time at peak tempera	ture during sol	dering is 10-3	30 seconds											
or more i	information regarding materia	l composition	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 (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 supplier 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 provided as part of that agreement, will be the sole and exclusivesource of the Supplier's Standard Terms and Conditions of Sale applicable to suc										
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	0.21	mg	Supplier	Silicon (Si)	7440-21-3		0.21	mg
Die Attach Solder	0.1	mg	Supplier	Silver (Ag)	7440-22-4		0.0025	mg
			A	Lead (Pb)	7439-92-1	7a	0.0925	mg
			Supplier	Tin (Sn)	7440-31-5		0.005	mg
Lead Frame	2.79	mg	Supplier	Silver (Ag)	7440-22-4		0.0778	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0053	mg
			В	Nickel (Ni)	7440-02-0		0.0131	mg
			Supplier	Iron (Fe)	7439-89-6		0.07	mg
			Supplier	Copper (Cu)	7440-50-8		2.6198	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0039	mg
Mold Compound-Black	4.19	mg		Brominated epoxy resin	proprietary data		0.0838	mg
			Supplier	Epoxy Phenol Resin	Proprietary Data		0.0419	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		0.0838	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0419	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		3.197	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		0.7333	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		0.0084	mg
Plating	0.05	mg	В	Bismuth (Bi)	7440-69-9		0.0003	mg
			Supplier	Tin (Sn)	7440-31-5		0.0497	mg
Wire Bond - Au	0.02	mg	Supplier	Gold (Au)	7440-57-5		0.02	mg