ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and	<b>mposition De</b> 05. IPC, Bannockl I Pan-American co	<b>claration</b> ourn, Illinois. A opyright conver	ll rights reserved untions.	nder both	This docume level parts, ti	ent is a declaration er	on of the substand acompasses all lo	es within the man wer level materials	ufacturer listers for which the	d item. Note: if e manufacturer	the item is an as has engineering	ssembly with low responsibility.	
	.1 IPC Web Site for Information on IPC-1752 Standard Form Type Distribute				*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information							
upplier Information													
Company name* Company unique			ique ID	D Uniqu			Jnique ID Authority			Response Date*			
onsemi									2024-	2024-05-20			
Contact Name Title - Contact			et		]	Phone - Contact*			Emai	Email - Contact*			
Product-Env-Stewards Pro			Product Enviro Compliance			NA			Prod	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Represent			sentative	Phone - Representative* Email - Representative*			tive*						
Product-Env-Stewards Pro			act Enviro Compliance NA Product-Env-Steward			wards@onsemi.com							
Requester Item Number			Mfr Item Name			Effective Date Version Manufacturing Site		Site	Weight*	UOM	Unit Type		
	NVG600	VG600A75L4DSC2 750V 600A Dual Side		Side Cooling		2024-05-20		MY1		73567.01	mg	Each	
Ianufacturing Proccess Infor	mation		-										
Terminal Plating / Grid Array	Terminal Plating / Grid Array Material Terminal Bas		Alloy	J-STD-020 MSI	020 MSL Rating Peak		Peak Process Body Temperature Max Time at Peak		t Peak Tempe	rature Numb	er of Reflow Cy	cles	
Matte Tin (Sn) - annealed CU Alle		CU Alloy	]	NA		0	С	30	sec	onds 3			
omments													
or more information regarding mate	rial composition	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 Chror	HS 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 b), Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl thalate (BBP), Dibutyl phthalate (DBP), Disobutyl phthalate (DIBP).										
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 v 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 cc 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 contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.												
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
DBC-1	13368.5	mg	Supplier	Zirconium Dioxide (ZrO2)	1314-23-4		5347.3999	mg
			Supplier	Copper (Cu)	7440-50-8		8021.1001	mg
DBC-2	10453.0	mg	Supplier	Zirconium Dioxide (ZrO2)	1314-23-4		4181.2002	mg
			Supplier	Copper (Cu)	7440-50-8		6271.8003	mg
Die	19950.5	mg	Supplier	Silicon (Si)	7440-21-3		19950.5	mg
Die Front-side Attach	1321.52	mg	Supplier	Tin (Sn)	7440-31-5		1255.444	mg
		-	В	Antimony (Sb)	7440-36-0		66.076	mg
Heat Sink	200.49	mg	В	Nickel (Ni)	7440-02-0		3.1076	mg
			Supplier	Copper (Cu)	7440-50-8		197.3824	mg
Lead Frame	11167.7	mg	В	Nickel (Ni)	7440-02-0		0.1117	mg
			Supplier	Iron (Fe)	7439-89-6		11.1677	mg
			Supplier	Copper (Cu)	7440-50-8		11154.1865	mg
			Supplier	Phosphorus (P)	7723-14-0		2.2335	mg
Lead Frame to DBC Attach	220.0	mg	Supplier	Silver (Ag)	7440-22-4		6.6	mg
			Supplier	Tin (Sn)	7440-31-5		212.3	mg
			Supplier	Copper (Cu)	7440-50-8		1.1	mg
Mold Compound-Black	14085.52	mg		Epoxy resin	proprietary data		1408.552	mg
			Supplier	Phenol Resin	Proprietary Data		352.138	mg
			Supplier	Miscellaneous	Trade Secret		422.5656	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		1056.4141	mg
			Supplier	Carbon Black (C)	1333-86-4		70.4276	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		2042.4003	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		8733.0225	mg
Spacer-1	397.0	mg	Supplier	Silver (Ag)	7440-22-4		0.5161	mg
			Supplier	Molybdenum (Mo)	7439-98-7		277.106	mg
			В	Nickel (Ni)	7440-02-0		0.2779	mg
			Supplier	Copper (Cu)	7440-50-8		119.1	mg
Spacer-2	397.0	mg	Supplier	Silver (Ag)	7440-22-4		0.5161	mg
			Supplier	Iron (Fe)	7439-89-6		0.397	mg
			Supplier	Copper (Cu)	7440-50-8		395.9678	mg
			Supplier	Phosphorus (P)	7723-14-0		0.1191	mg
Spacer to DBC Attach	1951.58	mg	Supplier	Silver (Ag)	7440-22-4		58.5474	mg

			Supplier	Tin (Sn)	7440-31-5	1883.2747	mg
			Supplier	Copper (Cu)	7440-50-8	9.7579	mg
Spacer to DBC Attach-2	54.2	mg	Supplier	Tin (Sn)	7440-31-5	51.49	mg
			В	Antimony (Sb)	7440-36-0		mg