		Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.			ievei parts, ui	e declaration er	ncompasses all I	ower level materials	for which the	manufacturer	has engineering	responsibility.	
52-21.1	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 Materials and Mfg Information								
ıpplier Inf	formation												
Company name* Company unique II			ique ID	Unique ID Authority			ority	Response I		nse Date*	se Date*		
semi										2024-05-17			
Contact Name			Title - Contact			P	Phone - Contact*			Email	Email - Contact*		
Product-Env-Stewards			Product Enviro Compliance		N	NA			Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Repre	itle - Representative			Phone - Representative*			Email	Email - Representative*		
Product-Env-Stewards			Product Env	nviro Compliance NA Produc			oduct-Env-Stewards@onsemi.com						
Req	quester Item Number	Mfr Iten	n Number	Mfr Item Name]	Effective Date	Version	Manufacturing Site		Weight*	UOM	Unit Type
		NVH640)S75L4SPB	Automotive 750V Module Pin Fin Ba		ower 2	2024-05-17		CNG		696191.9	mg	Each
anufactur	ring Proccess Informa	tion											
Terminal Plating / Grid Array Material Termi		Terminal Base	Alloy	-STD-020 MSL	1-020 MSL Rating Peak Process Body Temperature Max Time at Peak Temperature Nur		ature Numbe	r of Reflow Cy	cles				
Matte Tin (Sn) - annealed		CU Alloy	N	J A		0	C	30	seco	onds 3			
mments													

RoHS Material Composition Declaration			Declaration Type *	Detail	ed
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		ium (Cr6+), Polybrominated Biphenyls (PB)	erial for Cadmium and quantity limit of 0.1% b B), Polybrominated Diphenyl Ethers (PBDE), a		
cadmium, hexavalentchromium, polybromin contains a RoHS restricted substance inexce encompass all such components. Supplier cet as of the date that Supplier completes this Company acknowledges that Supplier may hindependently verified information provided certification in this paragraph. If the Compan	nated biphenyls and/or polybrominated diphess of an applicable quantity limit, please indriffes that it gathered the information it provom. Supplier acknowledges that Company wave relied on informationprovided by others of the supplier agrees that, at a minimusy and the Supplier enter into a written agree yesource of the Supplier's liability and the C	enyl ethers (each a "RoHS restricted substan licate below which, if any, RoHS exemption vides in this form using appropriate methods vill rely on this certification in determining the s in completing this form, and that Supplier um, itssuppliers have provided certifications ement with respect to the identified part, the tompany's remedies for issues that arise rega	s of the European Union member states) of the ce") in excess of the applicable quantity limit is you believe may apply. If the part is an assemb to ensure its accuracy and that such informatio e compliance of its products with European Ur may not have independently verified such infor regarding their contributions to the part, and the erms and conditions of that agreement, including information the Supplier provides in this	dentified above. If a ally with lower level in is true and correct tion member state la mation. However, in ose certifications are ag any warranty righ	homogeneous material within the part components, the declaration shall to the best of its knowledge and belief, was that implement the RoHS Directive. In situations where Supplier has not the at least as comprehensive as the lats and/or remedies provided as part of
RoHS Declaration * 1 - Item	(s) does not contain RoHS restricted substar	nces per the definition above	Supplier A	cceptance *	Accepted
Exemption: If the declared item does not applicable exemptions.	contain RoHS restricted substances per t	he definition above except for defined Rol	IS exemptions, then select the corresponding	response in the R	oHS Declaration above and choose all
Exemption List Version	EL-2011/534/EU				
Declaration Signature					
		e "Accepted" on the Supplier Acceptance	drop-down. This will display the signature a	rea. Digitally sign t	the declaration (if required by the

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
Case	82300.0	mg	Supplier	Fiber Glass (SiO2)	65997-17-3		24690.002	mg
			Supplier	Poly(ButyleneTerephthalate)	30965-26-5		23044	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		2880.5	mg
			Supplier	PBT	26062-94-2		23044	mg
			-	Carbonic Dichloride	94334-64-2		8641.5	mg
Cover	26500.0	mg	Supplier	Fiber Glass (SiO2)	65997-17-3		7950.0005	mg
			Supplier	Poly(ButyleneTerephthalate)	30965-26-5		7420	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		927.5	mg
			Supplier	PBT	26062-94-2		7420	mg
			-	Carbonic Dichloride	94334-64-2		2782.5	mg
DBC	46100.0	mg	Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		19223.6992	mg
			В	Nickel (Ni)	7440-02-0		92.2	mg
			Supplier	Copper (Cu)	7440-50-8		26784.0996	mg
Die	1.3	mg	Supplier	Silicon (Si)	7440-21-3		1.3	mg
Die Attach Solder	2000.0	mg	Supplier	Dimethyl phthalate	131-11-3		20	mg
			Supplier	Amines	61788-95-2		20	mg
			Supplier	Isotridecan-1-ol	27458-92-0		20	mg
			Supplier	Silver (Ag)	7440-22-4		80	mg
			Supplier	Tin (Sn)	7440-31-5		1860	mg
Glue	585.0	mg	Supplier	2,3-epoxypropyl-trimethoxysilan	2530-83-8		58.5	mg
			Supplier	Miscellaneous	Trade Secret		58.5	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		468	mg
Plating	65.0	mg	Supplier	Tin (Sn)	7440-31-5		32.5	mg
			В	Nickel (Ni)	7440-02-0		32.5	mg
Screw	2960.0	mg	Supplier	Sulfur (S)	7704-34-9		1.184	mg
			Supplier	Carbon (C)	7440-44-0		14.8	mg
			Supplier	Manganese (Mn)	7439-96-5		26.64	mg
			Supplier	Silicon (Si)	7440-21-3		14.8	mg
			Supplier	Iron (Fe)	7439-89-6		2901.3921	mg
			Supplier	Phosphorus (P)	7723-14-0		1.1838	mg
Silicone Gel	31360.0	mg	Supplier	Silicone	70900-21-9		2979.2	mg
			Supplier	Hexamethyldisilazane	68909-20-6		156.8	mg

			Supplier	Dimethyl Siloxane	68083-19-2	28224	mg
Solder preform	16700.0	mg	Supplier	Silver (Ag)	7440-22-4	534.4	mg
			Supplier	Tin (Sn)	7440-31-5	15130.1992	mg
			В	Antimony (Sb)	7440-36-0	918.5	mg
			Supplier	Copper (Cu)	7440-50-8	116.9	mg
Terminal	2500.0	mg	Supplier	Silicon (Si)	7440-21-3	6.75	mg
			В	Nickel (Ni)	7440-02-0	33.75	mg
			Supplier	Copper (Cu)	7440-50-8	2458.875	mg
			Supplier	Phosphorus (P)	7723-14-0	0.625	mg
Terminal Holder	485000.0	mg	Supplier	Silver (Ag)	7440-22-4	145.5	mg
			Supplier	Copper (Cu)	7440-50-8	484854.5	mg
Thermistor	120.0	mg	Supplier	Tin (Sn)	7440-31-5	1.5	mg
			Supplier	Nickel Oxide (NiO)	1313-99-1	0.18	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4	0.192	mg
			В	Nickel (Ni)	7440-02-0	28.02	mg
			Supplier	Gold (Au)	7440-57-5	0.024	mg
			Supplier	Iron (Fe)	7439-89-6	30	mg
			A	Lead Oxide (PbO)	1317-36-8	27.504	mg
			Supplier	Cobalt Oxide (Co3O4)	1308-06-1	0.18	mg
			Supplier	Manganese Tetraoxide (Mn3O4)	1317-35-7	0.18	mg
			Supplier	Potassium Monoxide (K2O)	12136-45-7	2.328	mg
			Supplier	Copper (Cu)	7440-50-8	13.26	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7	16.632	mg
Wire Bond - Al	0.6	mg	Supplier	Aluminum (Al)	7429-90-5	0.6	mg