	Material Compo © Copyright 2005. II international and Pan	PC, Bannockb	ourn, Illinois. A	All rights reserved u ntions.	nder both	This docume level parts, t	ent is a declarat he declaration e	ion of the encompas	substances ses all lowe	within the n er level mate	nanufacture rials for wh	er listed ite nich the ma	em. Note: if nufacturer	the item is an as has engineering	sembly with lower responsibility.
1752-21.1					Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					ous Materia	als and Mfg Information			
Supplier	r Information														
Company name* Comp				Company unique ID			Unique ID Authority					Response Date*			
onsemi												2023-06-08			
Contact N	lame		Title - Contact]	Phone - Contact*					Email - Contact*			
Product-I	Env-Stewards		Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com			
uthorize	ed Representative*	Title - Representative]	Phone - Representative*				Email - Representative*					
Product-I	Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
	Requester Item Number Mfr Item N H11AG1VI		Number Mfr Item Name				Effective Date			ng Site	W	/eight*	UOM	Unit Type	
			VM	M 6PW TR DIP VDE			2023-06-08				4	45.072	mg	Each	
/lanufa	cturing Proccess Informat	tion													
	Terminal Plating / Grid Array Material		Terminal Base Alloy J-STD-02		J-STD-020 MS	L Rating	Peak Process Body T		ly Temperature Max Time at Peak		Temperature Number		er of Reflow Cyc	les	
	Matte Tin (Sn) - annealed (CU Alloy NA			0 C		С	30		second	s 3			
omments	8														
or more	information regarding material	composition	please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed							
Directive 2015/863/EU amending RoHS Directive 2011/65/EU												
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
Coupling Gel	0.4	mg	Supplier	Dimethyl Cyclosiloxanes	69430-24-6		0.04	mg
			Supplier	Trimethoxy(methyl)silane (C4H12O3Si)	1185-55-3		0.36	mg
Die	0.37	mg	Supplier	Silicon (Si)	7440-21-3		0.37	mg
Die Attach	0.3	mg	Supplier	Silver (Ag)	7440-22-4		0.246	mg
			Supplier	Dicyandiamine	461-58-5		0.003	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.051	mg
Die GaAs	0.11	mg	В	Gallium Arsenide (AsGa)	1303-00-0		0.11	mg
Lead Frame	108.322	mg	Supplier	Silver (Ag)	7440-22-4		0.68	mg
			Supplier	Zinc (Zn)	7440-66-6		0.13	mg
			Supplier	Iron (Fe)	7439-89-6		2.48	mg
			Supplier	Copper (Cu)	7440-50-8		105	mg
			Supplier	Phosphorus (P)	7723-14-0		0.032	mg
Mold Compound-White	327.22	mg	Supplier	Titanium Dioxide (TiO2)	13463-67-7		81.805	mg
			В	Brominated Bisphenol A Diglycidyl Ether	40039-93-8		9.8166	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		44.1747	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		9.8166	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		163.61	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		17.9971	mg
Plating	6.7	mg	Supplier	Tin (Sn)	7440-31-5		6.7	mg
Wire Bond - Au	1.65	mg	Supplier	Gold (Au)	7440-57-5		1.65	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).