ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES	Material Composit © Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	Il rights reserved untions.	nder both	This docum level parts, t	ent is a declara the declaration	tion of the s encompass	substance es all low	s within the manufa er level materials fo	cturer liste or which the	d item. Note: i e manufacturer	f the item is an as has engineering	ssembly with lower 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 				terials and	als and Mfg Information					
Supplier Informa	ation														
Company name*			Company unique ID				Unique ID Authority				Respo	Response Date*			
onsemi											2023-	2023-06-08			
Contact Name			Title - Contact				Phone - Contact*				Emai	Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Prod	Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative				Phone - Representative*				Emai	Email - Representative*			
Product-Env-Stewards			Product Enviro Compliance				NA				Prod	Product-Env-Stewards@onsemi.com			
Requester	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective Dat	Date Version Manufacturing Site		;	Weight*	UOM	Unit Type		
		NCV8406ASTT1G 65		65V, SmartFET		2023-06-08					109.99	mg	Each		
Manufacturing F	Proccess Information	1													
Terminal Plating / Grid Array Material Termina			erminal Base A	ninal Base Alloy J-STD-020 MSL Ra			Peak Process Body Temperature Max Time at Peak			eak Tempe	Temperature Number of Reflow Cycles				
Matte Tin (Sn) - annealed CU Alloy				1		260		C	30	sec	conds 3				
Comments															
evel 1 - maximum tii	me at peak temperature o	luring sol	dering is 10-3	0 seconds											
For more information	n regarding material con	position j	please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		mium (Cr6+), Polybrominated Biphenyls (Pl		dmium and quantity limit of 0.1% by mass (10 minated Diphenyl Ethers (PBDE), and Bis(2-et	
cadmium, hexavalentchromium, polybromina contains a RoHS restricted substance inexces encompass all such components. Supplier cer as of the date that Supplier completes this for Company acknowledges that Supplier may h independently verified information provided certification in this paragraph. If the Company that agreement, will be the sole and exclusive	ated biphenyls and/or polybrominated dip s of an applicable quantity limit, please in iffies that it gathered the information it pr m.Supplier acknowledges that Company ave relied on informationprovided by oth by others, Supplier agrees that, at a minir and the Supplier enter into a written agr esource of the Supplier's liability and the	henyl ethers (each a "RoHS restricted substa ndicate below which, if any, RoHS exemption ovides in this form using appropriate methoo will rely on this certification in determining ers in completing this form, and that Supplie num, itssuppliers have provided certification eement with respect to the identified part, the Company's remedies for issues that arise reg	nce") in exco n you believe ls to ensure i the compliar r may not ha s regarding t terms and co	e may apply. If the part is an assembly with low s accuracy and that such information is true an ce of its products with European Union member re independently verified such information. Ho neir contributions to the part, and those certification and those of that agreement, including any warr	ove. If a homogeneous material within the part er level components, the declaration shall d correct to the best of its knowledge and belief, er state laws that implement the RoHS Directive. wever, in situations where Supplier has not ations are at least as comprehensive as the anty rights and/or remedies provided as part of
RoHS Declaration * 4 - Item(s) does not contain RoHS restricted subst	ances per the definition above except for sele	ected exempt	ions Supplier Acceptance	* Accepted
Exemption: 7a: Lead in high melting temp	erature type solders (i.e. lead based sol	der alloys containing 85% by weight or m	ore lead).		
Exemption List Version	EL-2011/534/EU				
Declaration Signature					
	7a: Lead in high melting temperature type solders (i.e. lead based solder alloys containing 85% by weight or more lead). ist Version EL-2011/534/EU Signature				
Supplier Digital Signature	astislav 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.

sigma range of distribution unless	otherwise noted).							
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	3.3	mg	Supplier	Silicon (Si)	7440-21-3		3.3	mg
Die Attach Solder	2.37	mg	Supplier	Silver (Ag)	7440-22-4		0.0592	mg
			А	Lead (Pb)	7439-92-1	7a	2.2633	mg
			Supplier	Tin (Sn)	7440-31-5		0.0474	mg
Lead Frame	37.17	mg	Supplier	Silver (Ag)	7440-22-4		0.4832	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0372	mg
			Supplier	Iron (Fe)	7439-89-6		0.8921	mg
			Supplier	Copper (Cu)	7440-50-8		35.7575	mg
Mold Compound-Black	59.7	mg		Epoxy resin	proprietary data		4.179	mg
			Supplier	Phenolic Resin	Proprietary Data		1.791	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		5.97	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2985	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		47.4615	mg
Plating	7.44	mg	Supplier	Tin (Sn)	7440-31-5		7.44	mg
Wire Bond - Cu	0.01	mg	Supplier	Copper (Cu)	7440-50-8		0.01	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 signa range of distribution unless otherwise noted).