IPC Web Site for Infonttp://www.ipc.org/II Supplier Information Company name* onsemi Contact Name Product-Env-Stewards Authorized Representative*				Form Type * Distribute		laration Class * ss 6 - RoHS Yes	/No, Homogeneous Materi	als and Mfg Information	on			
Company name* nsemi Contact Name Product-Env-Stewards		Company un	nique ID				· ·					
nsemi ontact Name Product-Env-Stewards		Company un	nique ID									
ontact Name Product-Env-Stewards				Company unique ID		Unique ID Authority			Response Date*			
Product-Env-Stewards							2024-05-03					
		act Name Title - Contact			Phone - Contact*			Email - Contact*				
uthorized Representative*	Product-Env-Stewards Product Enviro Compliance				NA			Product-Env-Stewards@onsemi.com				
	uthorized Representative* Title - Representative				Phone - Representative*			Email - Representative*				
Product-Env-Stewards	Product Enviro Compliance		NA	NA			Product-Env-Stewards@onsemi.com					
Requester Item Number	Mfr Item	Mfr Item Number Mfr Item Name			Effective Date	Tective Date Version Manufacturing Site		Weight*	UOM	Unit Type		
	2SC36475	S-TD-E	BIP NPN 2A 100V		2024-05-03		CNG	51.58	mg	Each		
Inufacturing Process Information		omminal Daga	Allow I C	TD 020 MSI Poting	Dools Duo	ass Dady Tame	May Time at Book	Town orothy Number	or of Dofloys Cv	alas		
	Terminal Plating / Grid Array Material Terminal Base contains Bi CU Alloy		2			Peak Process Body Temperature Max Time at Peak Te 260 C 30						
	C	U Alloy	1		200	<u> </u>	30	seconds 3				
omments	uo duudu a1-	doning is 10.1	20 seconds									
vel 1 - maximum time at peak temperatur or more information regarding material co												

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 (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 knowledge 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 suppliers 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 into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies of Supplier's Standard Terms and Conditions of Sale applicable to such part shall apply.									
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	0.67	mg	Supplier	Silicon (Si)	7440-21-3		0.67	mg
Die Attach Solder	0.31		Supplier	Silver (Ag)	7440-22-4		0.0078	mg
			A	Lead (Pb)	7439-92-1	7a	0.2868	mg
			Supplier	Tin (Sn)	7440-31-5		0.0155	mg
Lead Frame	22.4		Supplier	Silver (Ag)	7440-22-4		0.0986	mg
			Supplier	Tin (Sn)	7440-31-5		0.0314	mg
			Supplier	Copper (Cu)	7440-50-8		22.2701	mg
Mold Compound	27.35			Epoxy resin	proprietary data		5.47	mg
			Supplier	Brominated epoxy resin	Proprietary Data		0.6838	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		0.547	mg
			Supplier	Carbon Black (C)	1333-86-4		0.1367	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		20.5125	mg
Plating	0.77	mg	В	Bismuth (Bi)	7440-69-9		0.0046	mg
			Supplier	Tin (Sn)	7440-31-5		0.7654	mg
Wire Bond - Au	0.08	mg	Supplier	Gold (Au)	7440-57-5		0.08	mg