Authorized Representative*  Title - Representative  Phone - Representative*  Email - Representative				
Company name* Company unique ID Unique ID Authority Response Date* 2021-02-03 Contact Name Title - Contact Product-Env-Stewards Authorized Representative* Product-Env-Stewards P				
2021-02-03   202				
Title - Contact  Product-Env-Stewards  Product Enviro Compliance  Title - Representative  Title - Representative  Product-Env-Stewards  Product-Env-Stewards  Title - Representative  Phone - Representative*  Product-Env-Stewards  Product-Env-Stewards  Requester Item Number  Mfr Item Number  Mfr Item Name  Effective Date  Version  Manufacturing Site  Weight*				
Product-Env-Stewards Authorized Representative* Product-Env-Stewards Pro		_		
Authorized Representative*  Title - Representative  Product-Env-Stewards  Requester Item Number  Mfr Item Number  Mfr Item Name  Phone - Representative*  NA  Product-Env-Stewards  Reflective Date  Version  Manufacturing Site  Weight*		Email - Contact*		
Product-Env-Stewards Product Enviro Compliance NA Product-Env-Stewards Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight*	Product-Env-Stewards@onsemi.com			
Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight*	Email - Representative*			
	Product-Env-Stewards@onsemi.com			
BC817-16LT1G SS SOT23 GP XSTR NPN 45V 2021-02-03 CN1 8.02	UOM	Unit Type		
	mg	Each		
Innufacturing Process Information				
Watter Till (Sil) - aimeateu CU Anoy I				
omments				
vel 1 - maximum time at peak temperature during soldering is 10-30 seconds or more information regarding material composition please refer to page 3				

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					
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 are not a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusivesource of the Supplier's liability and the Company's remedies for issues that arise regarding information the Supplier provides								
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
Die	0.05	mg	Supplier	Silicon (Si)	7440-21-3		0.05	mg
Lead Frame	2.92		В	Nickel (Ni)	7440-02-0		1.06	mg
			Supplier	Iron (Fe)	7439-89-6		1.4658	mg
			Supplier	Copper (Cu)	7440-50-8		0.3942	mg
Mold Compound-Black	4.9		Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.49	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0245	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.7105	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		3.185	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.49	mg
Plating	0.14	mg	Supplier	Tin (Sn)	7440-31-5		0.14	mg
Wire Bond	0.01	_	Supplier	Palladium (Pd)	7440-05-3		0.0001	mg
			Supplier	Copper (Cu)	7440-50-8		0.0099	mg