



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS3118N		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA001149780						
<b>Package</b>		PG-SOT223-4-21		<b>Weight*</b>		112.58 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	1.872	1.66	1.66	16626	16626
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		90	
	non noble metal	titanium	7440-32-6	0.051	0.04		450	
	non noble metal	chromium	7440-47-3	0.152	0.14		1351	
	non noble metal	copper	7440-50-8	50.489	44.86	45.05	448471	450362
wire	noble metal	gold	7440-57-5	0.427	0.38	0.38	3795	3795
encapsulation	organic material	carbon black	1333-86-4	0.455	0.40		4046	
	plastics	brominated resin	-	0.569	0.51		5057	
	inorganic material	antimonytrioxide	1309-64-4	1.139	1.01		10114	
	plastics	epoxy resin	-	10.361	9.20		92035	
	inorganic material	silicondioxide	60676-86-0	44.406	39.44	50.56	394437	505689
leadfinish	non noble metal	tin	7440-31-5	1.464	1.30	1.30	13004	13004
plating	noble metal	silver	7440-22-4	0.513	0.46	0.46	4557	4557
glue	plastics	epoxy resin	-	0.118	0.10		1044	
	noble metal	silver	7440-22-4	0.554	0.49	0.59	4923	5967
*deviation	< 10%				Sum in total:		100.00	1000000

### Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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