



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS3118N		<b>Issued</b>		20. July 2018			
<b>MA#</b>		MA000398328							
<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:

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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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