



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS41K0S-ME-N		<b>Issued</b>		22. January 2018		
<b>MA#</b>		MA000957396						
<b>Package</b>		PG-SOT223-4-21		<b>Weight*</b>		111.94 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	0.741	0.66	0.66	6620	6620
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		91	
	non noble metal	titanium	7440-32-6	0.051	0.05		453	
	non noble metal	chromium	7440-47-3	0.152	0.14		1359	
	non noble metal	copper	7440-50-8	50.489	45.10	45.30	451037	452940
wire	noble metal	gold	7440-57-5	0.103	0.09	0.09	916	916
encapsulation	organic material	carbon black	1333-86-4	0.464	0.41		4147	
	plastics	brominated resin	-	0.580	0.52		5184	
	inorganic material	antimonytrioxide	1309-64-4	1.161	1.04		10368	
	plastics	epoxy resin	-	10.561	9.43		94346	
	inorganic material	silicondioxide	60676-86-0	45.262	40.43	51.83	404338	518383
leadfinish	non noble metal	tin	7440-31-5	1.464	1.31	1.31	13078	13078
plating	noble metal	silver	7440-22-4	0.513	0.46	0.46	4583	4583
glue	plastics	epoxy resin	-	0.068	0.06		609	
	noble metal	silver	7440-22-4	0.321	0.29	0.35	2871	3480
*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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