



## Material Content Data Sheet



<b>Sales Product Name</b>		BSP603S2L		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA000467348						
<b>Package</b>		PG-SOT223-4-21		<b>Weight*</b>		112.64 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	2.544	2.26	2.26	22588	22588
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		1350	
	non noble metal	copper	7440-50-8	50.489	44.82	45.01	448227	450117
wire	noble metal	gold	7440-57-5	0.320	0.28	0.28	2843	2843
encapsulation	organic material	carbon black	1333-86-4	0.451	0.40		4003	
	plastics	brominated resin	-	0.564	0.50		5004	
	inorganic material	antimonytrioxide	1309-64-4	1.127	1.00		10007	
	plastics	epoxy resin	-	10.258	9.11		91065	
	inorganic material	silicondioxide	60676-86-0	43.962	39.03	50.04	390279	500358
leadfinish	non noble metal	tin	7440-31-5	1.464	1.30	1.30	12997	12997
plating	noble metal	silver	7440-22-4	0.513	0.46	0.46	4554	4554
glue	plastics	epoxy resin	-	0.129	0.11		1145	
	noble metal	silver	7440-22-4	0.608	0.54	0.65	5398	6543
*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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