



## Material Content Data Sheet



<b>Sales Product Name</b>		BSL314PE H6327		<b>Issued</b>		2. August 2018		
<b>MA#</b>		MA001189500						
<b>Package</b>		PG-TSOP6-6-4		<b>Weight*</b>		14.86 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.006	0.04		424	
	noble metal	gold	7440-57-5	0.024	0.16		1645	
	inorganic material	silicon	7440-21-3	0.373	2.51	2.71	25102	27171
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		95	
	non noble metal	titanium	7440-32-6	0.007	0.05		476	
	non noble metal	chromium	7440-47-3	0.021	0.14		1428	
	non noble metal	copper	7440-50-8	7.048	47.42	47.62	474157	476156
wire	non noble metal	copper	7440-50-8	0.131	0.88	0.88	8798	8798
encapsulation	organic material	carbon black	1333-86-4	0.067	0.45		4515	
	plastics	epoxy resin	-	1.443	9.71		97066	
	inorganic material	silicondioxide	60676-86-0	5.200	34.99	45.15	349887	451468
leadfinish	non noble metal	tin	7440-31-5	0.392	2.64	2.64	26406	26406
plating	noble metal	silver	7440-22-4	0.149	1.00	1.00	10001	10001
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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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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