



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS5016-1EKB		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001793232						
<b>Package</b>		PG-DSO-14-47		<b>Weight*</b>		150.49 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	3.081	2.05	2.05	20471	20471
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		115	
	non noble metal	zinc	7440-66-6	0.069	0.05		460	
	non noble metal	iron	7439-89-6	1.383	0.92		9193	
wire	non noble metal	copper	7440-50-8	56.175	37.33	38.31	373278	383046
	non noble metal	copper	7440-50-8	0.560	0.37	0.37	3724	3724
	organic material	carbon black	1333-86-4	0.169	0.11		1121	
encapsulation	plastics	epoxy resin	-	7.758	5.16		51551	
	inorganic material	silicondioxide	60676-86-0	76.398	50.76	56.03	507660	560332
leadfinish	non noble metal	tin	7440-31-5	2.472	1.64	1.64	16424	16424
plating	noble metal	silver	7440-22-4	1.470	0.98	0.98	9770	9770
glue	plastics	epoxy resin	-	0.164	0.11		1091	
	noble metal	silver	7440-22-4	0.774	0.51	0.62	5142	6233
*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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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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