



Material Content Data Sheet



Sales Product Name	BTS5010-1EKB			Issued	22. January 2018			
MA#	MA001259250							
Package	PG-DSO-14-47			Weight*	150.81 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	4.015	2.66	2.66	26622	26622
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		115	
	non noble metal	zinc	7440-66-6	0.069	0.05		459	
	non noble metal	iron	7439-89-6	1.383	0.92		9174	
wire	non noble metal	copper	7440-50-8	56.175	37.25	38.23	372490	382238
	non noble metal	copper	7440-50-8	0.707	0.47	0.47	4689	4689
	encapsulation	organic material	carbon black	1333-86-4	0.167	0.11		1105
encapsulation	plastics	epoxy resin	-	7.669	5.09		50851	
	inorganic material	silicondioxide	60676-86-0	75.521	50.06	55.26	500773	552729
leadfinish	non noble metal	tin	7440-31-5	2.472	1.64	1.64	16389	16389
plating	noble metal	silver	7440-22-4	1.470	0.98	0.98	9750	9750
glue	plastics	epoxy resin	-	0.200	0.13		1327	
	noble metal	silver	7440-22-4	0.943	0.63	0.76	6256	7583
*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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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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