

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS5008-1EKB	**Issued**	08. February 2022
MA#	MA003924454		
Package	PG-DSO-14-47	**Weight***	151.05 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	4.820	3.19	3.19	31912	31912
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		114	
	non noble metal	zinc	7440-66-6	0.069	0.05		458	
	non noble metal	iron	7439-89-6	1.383	0.92		9159	
	non noble metal	copper	7440-50-8	56.175	37.19	38.17	371902	381633
wire	non noble metal	copper	7440-50-8	0.787	0.52	0.52	5210	5210
encapsulation	organic material	carbon black	1333-86-4	0.165	0.11		1093	
	plastics	epoxy resin	-	7.593	5.03		50269	
	inorganic material	silicondioxide	60676-86-0	74.775	49.50	54.64	495041	546403
leadfinish	non noble metal	tin	7440-31-5	2.472	1.64	1.64	16364	16364
plating	noble metal	silver	7440-22-4	1.470	0.97	0.97	9734	9734
glue	plastics	epoxy resin	-	0.231	0.15		1530	
	noble metal	silver	7440-22-4	1.090	0.72	0.87	7214	8744
*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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