



Material Content Data Sheet



Sales Product Name		BTT6010-1EKB		Issued		13. August 2019		
MA#		MA005354526						
Package		PG-DSO-14-47		Weight*		150.98 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	4.709	3.12	3.12	31192	31192
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		115	
	non noble metal	zinc	7440-66-6	0.069	0.05		458	
	non noble metal	iron	7439-89-6	1.383	0.92		9163	
wire	non noble metal	copper	7440-50-8	56.175	37.21	38.19	372076	381812
	non noble metal	copper	7440-50-8	0.723	0.48	0.48	4789	4789
	encapsulation	organic material	carbon black	1333-86-4	0.165	0.11		1095
encapsulation	plastics	epoxy resin	-	7.604	5.04		50367	
	inorganic material	silicondioxide	60676-86-0	74.885	49.59	54.74	496004	547466
leadfinish	non noble metal	tin	7440-31-5	2.472	1.64	1.64	16371	16371
plating	noble metal	silver	7440-22-4	1.470	0.97	0.97	9739	9739
glue	plastics	epoxy resin	-	0.228	0.15		1510	
	noble metal	silver	7440-22-4	1.075	0.71	0.86	7121	8631
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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