



Material Content Data Sheet



Sales Product Name		BTS5016-2EKA		Issued		19. July 2018			
MA#		MA001594192							
Package		PG-DSO-14-40		Weight*		150.43 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	4.723	3.14	3.14	31398	31398	
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		116		
		non noble metal	zinc	7440-66-6	0.070	0.05		463	
		non noble metal	iron	7439-89-6	1.392	0.93		9252	
wire	non noble metal	non noble metal	copper	7440-50-8	56.512	37.57	38.56	375657	385488
		non noble metal	copper	7440-50-8	1.345	0.89	0.89	8938	8938
		encapsulation	organic material	carbon black	1333-86-4	0.165	0.11		1096
encapsulation	plastics	plastics	epoxy resin	-	7.584	5.04		50412	
		inorganic material	silicondioxide	60676-86-0	74.683	49.64	54.79	496450	547958
		leadfinish	non noble metal	tin	7440-31-5	1.226	0.82	0.82	8151
plating	noble metal	silver	7440-22-4	1.417	0.94	0.94	9423	9423	
glue	plastics	plastics	epoxy resin	-	0.228	0.15		1513	
		noble metal	silver	7440-22-4	1.073	0.71	0.86	7131	8644
*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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