



Material Content Data Sheet



Sales Product Name		BTS5016-2EKA		Issued		27. September 2017		
MA#		MA001218536						
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	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
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	8151
plating	noble metal	silver	7440-22-4	1.417	0.94	0.94	9423	9423
glue	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.
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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com