



Material Content Data Sheet



Sales Product Name		BTS5020-2EKA		Issued		1. August 2018		
MA#		MA001711790						
Package		PG-DSO-14-40		Weight*		150.21 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	4.067	2.71	2.71	27075	27075
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		9266	
	non noble metal	copper	7440-50-8	56.512	37.62	38.61	376222	386067
wire	non noble metal	copper	7440-50-8	1.239	0.82	0.82	8247	8247
encapsulation	organic material	carbon black	1333-86-4	0.166	0.11		1107	
	plastics	epoxy resin	-	7.646	5.09		50905	
	inorganic material	silicondioxide	60676-86-0	75.300	50.14	55.34	501305	553317
leadfinish	non noble metal	tin	7440-31-5	1.226	0.82	0.82	8163	8163
plating	noble metal	silver	7440-22-4	1.417	0.94	0.94	9437	9437
glue	plastics	epoxy resin	-	0.202	0.13		1346	
	noble metal	silver	7440-22-4	0.953	0.63	0.76	6348	7694
*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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