



Material Content Data Sheet



Sales Product Name		BTS5120-2EKA		Issued		22. January 2018		
MA#		MA001712554						
Package		PG-DSO-14-40		Weight*		149.13 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	2.130	1.43	1.43	14282	14282
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		117	
	non noble metal	zinc	7440-66-6	0.070	0.05		467	
	non noble metal	iron	7439-89-6	1.392	0.93		9332	
	non noble metal	copper	7440-50-8	56.512	37.89	38.88	378938	388854
wire	non noble metal	copper	7440-50-8	0.393	0.26	0.26	2635	2635
encapsulation	organic material	carbon black	1333-86-4	0.170	0.11		1143	
	plastics	epoxy resin	-	7.842	5.26		52586	
	inorganic material	silicondioxide	60676-86-0	77.229	51.79	57.16	517854	571583
leadfinish	non noble metal	tin	7440-31-5	1.226	0.82	0.82	8222	8222
plating	noble metal	silver	7440-22-4	1.417	0.95	0.95	9505	9505
glue	plastics	epoxy resin	-	0.128	0.09		861	
	noble metal	silver	7440-22-4	0.605	0.41	0.50	4058	4919
*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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