



Material Content Data Sheet



Sales Product Name		BTS5200-4EKA		Issued		24. January 2018		
MA#		MA001278510						
Package		PG-DSO-14-48		Weight*		149.61 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	3.051	2.04	2.04	20393	20393
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		116	
	non noble metal	zinc	7440-66-6	0.070	0.05		465	
	non noble metal	iron	7439-89-6	1.392	0.93		9302	
	non noble metal	copper	7440-50-8	56.512	37.77	38.76	377717	387600
wire	non noble metal	copper	7440-50-8	0.757	0.51	0.51	5061	5061
encapsulation	organic material	carbon black	1333-86-4	0.168	0.11		1126	
	plastics	epoxy resin	-	7.750	5.18		51799	
	inorganic material	silicondioxide	60676-86-0	76.320	51.01	56.30	510112	563037
leadfinish	non noble metal	tin	7440-31-5	1.226	0.82	0.82	8195	8195
plating	noble metal	silver	7440-22-4	1.417	0.95	0.95	9474	9474
glue	plastics	epoxy resin	-	0.163	0.11		1092	
	noble metal	silver	7440-22-4	0.770	0.51	0.62	5148	6240
*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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