



Material Content Data Sheet



Halogen-Free

Sales Product Name	BTS5200-4EKA	Issued	22. April 2022
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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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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