



Material Content Data Sheet



Halogen-Free

Sales Product Name	BTS4175SGA	Issued	03. February 2022
MA#	MA001425978		
Package	PG-DSO-8-24	Weight*	83.33 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	2.188	2.63	2.63	26260	26260
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.036	0.04		430	
	non noble metal	iron	7439-89-6	0.717	0.86		8607	
	non noble metal	copper	7440-50-8	29.121	34.95	35.86	349483	358628
wire	noble metal	gold	7440-57-5	0.426	0.51	0.51	5116	5116
encapsulation	organic material	carbon black	1333-86-4	0.097	0.12		1167	
	plastics	epoxy resin	-	4.473	5.37		53682	
	inorganic material	silicondioxide	60676-86-0	44.051	52.85	58.34	528652	583501
leadfinish	non noble metal	tin	7440-31-5	0.814	0.98	0.98	9767	9767
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7804	7804
glue	plastics	epoxy resin	-	0.130	0.16		1562	
	noble metal	silver	7440-22-4	0.613	0.74	0.90	7362	8924
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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