

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS3405G	**Issued**	12. September 2019
MA#	MA001055002		
Package	PG-DSO-8-25	**Weight***	83.18 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	0.717	0.86	0.86	8619	8619
chip_2	inorganic material	silicon	7440-21-3	0.717	0.86	0.86	8619	8619
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.036	0.04		431	
	non noble metal	iron	7439-89-6	0.717	0.86		8623	
	non noble metal	copper	7440-50-8	29.121	35.01	35.92	350110	359272
wire	noble metal	gold	7440-57-5	0.357	0.43	0.43	4287	4287
encapsulation	organic material	carbon black	1333-86-4	0.099	0.12		1185	
	plastics	epoxy resin	-	4.534	5.45		54507	
	inorganic material	silicondioxide	60676-86-0	44.647	53.69	59.26	536774	592466
leadfinish	non noble metal	tin	7440-31-5	0.814	0.98	0.98	9784	9784
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7818	7818
glue	plastics	epoxy resin	-	0.133	0.16		1599	
	noble metal	silver	7440-22-4	0.627	0.75	0.91	7536	9135
*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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