

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS3410G	**Issued**	12. December 2019
MA#	MA001094004		
Package	PG-DSO-8-25	**Weight***	83.79 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	1.115	1.33	1.33	13312	13312
chip_2	inorganic material	silicon	7440-21-3	1.115	1.33	1.33	13312	13312
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		107	
	non noble metal	zinc	7440-66-6	0.036	0.04		428	
	non noble metal	iron	7439-89-6	0.717	0.86		8559	
	non noble metal	copper	7440-50-8	29.121	34.75	35.66	347545	356639
wire	noble metal	gold	7440-57-5	0.825	0.98	0.98	9845	9845
encapsulation	organic material	carbon black	1333-86-4	0.097	0.12		1155	
	plastics	epoxy resin	-	4.453	5.31		53149	
	inorganic material	silicondioxide	60676-86-0	43.856	52.35	57.78	523403	577707
leadfinish	non noble metal	tin	7440-31-5	0.814	0.97	0.97	9713	9713
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7760	7760
glue	plastics	epoxy resin	-	0.172	0.20		2050	
	noble metal	silver	7440-22-4	0.810	0.97	1.17	9662	11712
*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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