

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS6110-1SJA	**Issued**	13. August 2019
MA#	MA005355330		
Package	PG-DSO-8-49	**Weight***	82.94 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	0.995	1.20	1.20	12001	12001
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.036	0.04		432	
	non noble metal	iron	7439-89-6	0.717	0.86		8647	
	non noble metal	copper	7440-50-8	29.121	35.11	36.02	351124	360311
wire	non noble metal	copper	7440-50-8	0.341	0.41	0.41	4106	4106
encapsulation	organic material	carbon black	1333-86-4	0.100	0.12		1201	
	plastics	epoxy resin	-	4.581	5.52		55234	
	inorganic material	silicondioxide	60676-86-0	45.112	54.41	60.05	543935	600370
leadfinish	non noble metal	tin	7440-31-5	0.814	0.98	0.98	9813	9813
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7840	7840
glue	plastics	epoxy resin	-	0.081	0.10		973	
	noble metal	silver	7440-22-4	0.380	0.46	0.56	4586	5559
*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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