



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BTS3035EJ	<b>Issued</b>	25. June 2021
<b>MA#</b>	MA005556745		
<b>Package</b>	PG-TDSO-8-31	<b>Weight*</b>	67.62 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	1.922	2.84	2.84	28429	28429
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		140	
	non noble metal	zinc	7440-66-6	0.038	0.06		562	
	non noble metal	iron	7439-89-6	0.760	1.12		11236	
	non noble metal	copper	7440-50-8	30.851	45.63	46.82	456227	468165
wire	non noble metal	copper	7440-50-8	0.396	0.59	0.59	5862	5862
encapsulation	organic material	carbon black	1333-86-4	0.095	0.14		1404	
	plastics	epoxy resin	-	3.702	5.47		54743	
	inorganic material	silicondioxide	60676-86-0	27.843	41.17	46.78	411743	467890
leadfinish	non noble metal	tin	7440-31-5	0.497	0.74	0.74	7353	7353
plating	noble metal	silver	7440-22-4	0.825	1.22	1.22	12197	12197
glue	plastics	epoxy resin	-	0.120	0.18		1768	
	noble metal	silver	7440-22-4	0.564	0.83	1.01	8336	10104
*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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