



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BTS723GW	<b>Issued</b>	08. February 2022
<b>MA#</b>	MA002213708		
<b>Package</b>	PG-DSO-14-37	<b>Weight*</b>	144.25 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	5.803	4.02	4.02	40229	40229
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		105	
	non noble metal	zinc	7440-66-6	0.060	0.04		418	
	non noble metal	iron	7439-89-6	1.207	0.84		8367	
	non noble metal	copper	7440-50-8	49.007	33.97	34.86	339744	348634
wire	noble metal	gold	7440-57-5	0.952	0.66	0.66	6600	6600
encapsulation	organic material	carbon black	1333-86-4	0.167	0.12		1157	
	plastics	epoxy resin	-	7.677	5.32		53220	
	inorganic material	silicondioxide	60676-86-0	75.600	52.42	57.86	524100	578477
leadfinish	non noble metal	tin	7440-31-5	1.226	0.85	0.85	8500	8500
plating	noble metal	silver	7440-22-4	1.030	0.71	0.71	7139	7139
glue	plastics	epoxy resin	-	0.263	0.18		1824	
	noble metal	silver	7440-22-4	1.240	0.86	1.04	8597	10421
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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