



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BTS730	<b>Issued</b>	28. April 2021
<b>MA#</b>	MA000370706		
<b>Package</b>	PG-DSO-20-36	<b>Weight*</b>	488.50 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	9.615	1.97	1.97	19684	19684
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		79	
	non noble metal	zinc	7440-66-6	0.155	0.03		318	
	non noble metal	iron	7439-89-6	3.104	0.64		6354	
	non noble metal	copper	7440-50-8	126.041	25.80	26.48	258017	264768
wire	noble metal	gold	7440-57-5	1.373	0.28	0.28	2810	2810
encapsulation	organic material	carbon black	1333-86-4	0.682	0.14		1396	
	plastics	epoxy resin	-	31.370	6.42		64218	
	inorganic material	silicondioxide	60676-86-0	308.930	63.24	69.80	632406	698020
leadfinish	non noble metal	tin	7440-31-5	2.746	0.56	0.56	5621	5621
plating	noble metal	silver	7440-22-4	1.621	0.33	0.33	3319	3319
glue	plastics	epoxy resin	-	0.494	0.10		1011	
	noble metal	silver	7440-22-4	2.329	0.48	0.58	4767	5778
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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