



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS740S2		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001208540						
<b>Package</b>		PG-DSO-20-31		<b>Weight*</b>		500.76 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	12.627	2.52	2.52	25215	25215
leadframe	inorganic material	phosphorus	7723-14-0	0.042	0.01		85	
	non noble metal	zinc	7440-66-6	0.169	0.03		338	
	non noble metal	iron	7439-89-6	3.388	0.68		6766	
wire	non noble metal	copper	7440-50-8	137.580	27.47	28.19	274741	281930
	noble metal	gold	7440-57-5	2.989	0.60	0.60	5969	5969
	encapsulation	organic material	carbon black	1333-86-4	0.670	0.13		1338
encapsulation	plastics	epoxy resin	-	30.820	6.15		61546	
	inorganic material	silicondioxide	60676-86-0	303.511	60.61	66.89	606098	668982
leadfinish	non noble metal	tin	7440-31-5	2.746	0.55	0.55	5483	5483
plating	noble metal	silver	7440-22-4	3.187	0.64	0.64	6364	6364
glue	plastics	epoxy resin	-	0.531	0.11		1060	
	noble metal	silver	7440-22-4	2.502	0.50	0.61	4997	6057
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com