



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS740S2		<b>Issued</b>		21. October 2018			
<b>MA#</b>		MA002331614							
<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_1	inorganic material	silicon	7440-21-3	6.313	1.26	1.26	12608	12608	
chip_2	inorganic material	silicon	7440-21-3	6.313	1.26	1.26	12608	12608	
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	606097	668981	
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:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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