



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS5210G		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA000369740						
<b>Package</b>		PG-DSO-14-37		<b>Weight*</b>		143.85 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	3.505	2.44	2.44	24363	24363
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		105	
	non noble metal	zinc	7440-66-6	0.060	0.04		420	
	non noble metal	iron	7439-89-6	1.207	0.84		8390	
wire	non noble metal	copper	7440-50-8	49.007	34.07	34.96	340680	349595
	noble metal	gold	7440-57-5	1.064	0.74	0.74	7393	7393
	encapsulation	organic material	carbon black	1333-86-4	0.171	0.12		1192
plastics		epoxy resin	-	7.886	5.48		54822	
	inorganic material	silicondioxide	60676-86-0	77.661	53.99	59.59	539872	595886
leadfinish	non noble metal	tin	7440-31-5	1.226	0.85	0.85	8524	8524
plating	noble metal	silver	7440-22-4	1.030	0.72	0.72	7159	7159
glue	plastics	epoxy resin	-	0.178	0.12		1239	
	noble metal	silver	7440-22-4	0.840	0.58	0.70	5841	7080
*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