

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS5210G	**Issued**	23. December 2019
MA#	MA001427798		
Package	PG-DSO-14-37	**Weight***	143.83 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	24366	24366
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		8391	
	non noble metal	copper	7440-50-8	49.007	34.07	34.96	340720	349636
wire	noble metal	gold	7440-57-5	1.045	0.73	0.73	7262	7262
encapsulation	organic material	carbon black	1333-86-4	0.171	0.12		1192	
	plastics	epoxy resin	-	7.886	5.48		54829	
	inorganic material	silicondioxide	60676-86-0	77.663	54.00	59.60	539950	595971
leadfinish	non noble metal	tin	7440-31-5	1.226	0.85	0.85	8525	8525
plating	noble metal	silver	7440-22-4	1.030	0.72	0.72	7160	7160
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:

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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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

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