



Material Content Data Sheet



Sales Product Name		BTS5210G		Issued		23. January 2018			
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		
wire	non noble metal	copper	7440-50-8	49.007	34.07	34.96	340720	349636	
	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.
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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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