



Material Content Data Sheet



Sales Product Name		BTS716GB		Issued		24. January 2018		
MA#		MA001018312						
Package		PG-DSO-20-32		Weight*		478.15 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	7.009	1.47	1.47	14659	14659
leadframe	inorganic material	phosphorus	7723-14-0	0.036	0.01		75	
	non noble metal	zinc	7440-66-6	0.143	0.03		299	
	non noble metal	iron	7439-89-6	2.862	0.60		5985	
wire	non noble metal	copper	7440-50-8	116.197	24.30	24.94	243013	249372
	non noble metal	aluminium	7429-90-5	0.431	0.09	0.09	902	902
	encapsulation	organic material	carbon black	1333-86-4	0.692	0.14		1447
plating	plastics	epoxy resin	-	31.828	6.66		66565	
	inorganic material	silicondioxide	60676-86-0	313.435	65.56	72.36	655517	723529
leadfinish	non noble metal	tin	7440-31-5	2.746	0.57	0.57	5743	5743
glue	inorganic material	phosphorus	7723-14-0	0.001	0.00		2	
	non noble metal	nickel	7440-02-0	0.341	0.07		714	
	noble metal	silver	7440-22-4	0.392	0.08	0.15	820	1536
*deviation	plastics	epoxy resin	-	0.356	0.07		745	
	noble metal	silver	7440-22-4	1.680	0.35	0.42	3514	4259
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