



Material Content Data Sheet



Sales Product Name		BTS3205N		Issued		20. July 2018		
MA#		MA000470254						
Package		PG-SOT223-4-21		Weight*		112.11 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	0.717	0.64	0.64	6395	6395
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		90	
	non noble metal	titanium	7440-32-6	0.051	0.05		452	
	non noble metal	chromium	7440-47-3	0.152	0.14		1357	
	non noble metal	copper	7440-50-8	50.489	45.02	45.22	450340	452239
wire	noble metal	gold	7440-57-5	0.305	0.27	0.27	2717	2717
encapsulation	organic material	carbon black	1333-86-4	0.464	0.41		4141	
	plastics	brominated resin	-	0.580	0.52		5176	
	inorganic material	antimonytrioxide	1309-64-4	1.161	1.04		10353	
	plastics	epoxy resin	-	10.562	9.42		94208	
	inorganic material	silicondioxide	60676-86-0	45.266	40.37	51.76	403748	517626
leadfinish	non noble metal	tin	7440-31-5	1.464	1.31	1.31	13058	13058
plating	noble metal	silver	7440-22-4	0.513	0.46	0.46	4576	4576
glue	plastics	epoxy resin	-	0.066	0.06		593	
	noble metal	silver	7440-22-4	0.313	0.28	0.34	2796	3389
*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

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