

Material Content Data Sheet

RoHS

Sales Product Name	BTS3207N	**Issued**	08. April 2022
MA#	MA005709603		
Package	PG-SOT223-4-33	**Weight***	112.54 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	1.115	0.99	0.99	9911	9911
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		90	
	non noble metal	titanium	7440-32-6	0.051	0.05		451	
	non noble metal	chromium	7440-47-3	0.152	0.14		1353	
	non noble metal	copper	7440-50-8	50.535	44.89	45.09	449039	450933
wire	noble metal	gold	7440-57-5	0.385	0.34	0.34	3425	3425
encapsulation	organic material	carbon black	1333-86-4	0.461	0.41		4096	
	plastics	brominated resin	-	0.576	0.51		5120	
	inorganic material	antimonytrioxide	1309-64-4	1.152	1.02		10240	
	plastics	epoxy resin	-	10.487	9.32		93182	
	inorganic material	silicondioxide	60676-86-0	44.943	39.94	51.20	399351	511989
leadfinish	non noble metal	tin	7440-31-5	1.465	1.30	1.30	13020	13020
plating	noble metal	silver	7440-22-4	0.716	0.64	0.64	6362	6362
glue	plastics	epoxy resin	-	0.086	0.08		763	
	noble metal	silver	7440-22-4	0.405	0.36	0.44	3597	4360
*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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