

Material Content Data Sheet

RoHS

Sales Product Name	BTS3110N	**Issued**	22. April 2022
MA#	MA005709237		
Package	PG-SOT223-4-33	**Weight***	112.53 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	1.092	0.97	0.97	9705	9705
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	44.90	45.10	449068	450962
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		4098	
	plastics	brominated resin	-	0.576	0.51		5122	
	inorganic material	antimonytrioxide	1309-64-4	1.153	1.02		10244	
	plastics	epoxy resin	-	10.491	9.32		93223	
	inorganic material	silicondioxide	60676-86-0	44.960	39.95	51.21	399529	512216
leadfinish	non noble metal	tin	7440-31-5	1.465	1.30	1.30	13021	13021
plating	noble metal	silver	7440-22-4	0.716	0.64	0.64	6363	6363
glue	plastics	epoxy resin	-	0.085	0.08		754	
	noble metal	silver	7440-22-4	0.400	0.36	0.44	3554	4308
*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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