

Material Content Data Sheet

RoHS

Sales Product Name	BTS3110N	**Issued**	17. February 2022
MA#	MA005698815		
Package	PG-SOT223-4-21	**Weight***	112.31 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	9725	9725
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		1354	
	non noble metal	copper	7440-50-8	50.489	44.94	45.14	449565	451460
wire	noble metal	gold	7440-57-5	0.385	0.34	0.34	3432	3432
encapsulation	organic material	carbon black	1333-86-4	0.461	0.41		4108	
	plastics	brominated resin	-	0.577	0.51		5135	
	inorganic material	antimonytrioxide	1309-64-4	1.153	1.03		10269	
	plastics	epoxy resin	-	10.495	9.35		93450	
	inorganic material	silicondioxide	60676-86-0	44.979	40.05	51.35	400501	513463
leadfinish	non noble metal	tin	7440-31-5	1.464	1.30	1.30	13036	13036
plating	noble metal	silver	7440-22-4	0.513	0.46	0.46	4568	4568
glue	plastics	epoxy resin	-	0.085	0.08		755	
	noble metal	silver	7440-22-4	0.400	0.36	0.44	3561	4316
*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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