



## Material Content Data Sheet



<b>Sales Product Name</b>	BTS3118N	<b>Issued</b>	24. February 2022
<b>MA#</b>	MA005709268		
<b>Package</b>	PG-SOT223-4-33	<b>Weight*</b>	112.81 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	1.872	1.66	1.66	16593	16593
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		90	
	non noble metal	titanium	7440-32-6	0.051	0.04		450	
	non noble metal	chromium	7440-47-3	0.152	0.14		1350	
	non noble metal	copper	7440-50-8	50.535	44.81	45.00	447978	449868
wire	noble metal	gold	7440-57-5	0.427	0.38	0.38	3787	3787
encapsulation	organic material	carbon black	1333-86-4	0.455	0.40		4036	
	plastics	brominated resin	-	0.569	0.50		5045	
	inorganic material	antimonytrioxide	1309-64-4	1.138	1.01		10089	
	plastics	epoxy resin	-	10.357	9.18		91812	
	inorganic material	silicondioxide	60676-86-0	44.387	39.35	50.44	393478	504460
leadfinish	non noble metal	tin	7440-31-5	1.465	1.30	1.30	12989	12989
plating	noble metal	silver	7440-22-4	0.716	0.63	0.63	6347	6347
glue	plastics	epoxy resin	-	0.118	0.10		1042	
	noble metal	silver	7440-22-4	0.554	0.49	0.59	4914	5956
*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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