

Material Content Data Sheet

RoHS

Sales Product Name	BTS4140N	**Issued**	08. April 2022
MA#	MA005710463		
Package	PG-SOT223-4-33	**Weight***	112.17 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	0.741	0.66	0.66	6606	6606
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	50.535	45.04	45.24	450536	452435
wire	noble metal	gold	7440-57-5	0.103	0.09	0.09	918	918
encapsulation	organic material	carbon black	1333-86-4	0.464	0.41		4137	
	plastics	brominated resin	-	0.580	0.52		5171	
	inorganic material	antimonytrioxide	1309-64-4	1.160	1.03		10342	
	plastics	epoxy resin	-	10.557	9.41		94117	
	inorganic material	silicondioxide	60676-86-0	45.243	40.34	51.71	403357	517124
leadfinish	non noble metal	tin	7440-31-5	1.465	1.31	1.31	13063	13063
plating	noble metal	silver	7440-22-4	0.716	0.64	0.64	6384	6384
glue	plastics	epoxy resin	-	0.068	0.06		607	
	noble metal	silver	7440-22-4	0.321	0.29	0.35	2863	3470
*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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