

Material Content Data Sheet

RoHS

Sales Product Name	BTS41K0S-ME-N	**Issued**	08. April 2022
MA#	MA005709858		
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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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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