

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS40K2-1ENC	**Issued**	27. April 2022
MA#	MA005729030		
Package	PG-TDSO-8-31	**Weight***	67.23 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	0.977	1.45	1.45	14528	14528
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		141	
	non noble metal	zinc	7440-66-6	0.038	0.06		565	
	non noble metal	iron	7439-89-6	0.760	1.13		11302	
	non noble metal	copper	7440-50-8	30.851	45.88	47.08	458894	470902
wire	non noble metal	copper	7440-50-8	0.194	0.29	0.29	2889	2889
encapsulation	organic material	carbon black	1333-86-4	0.098	0.15		1456	
	plastics	epoxy resin	-	3.817	5.68		56778	
	inorganic material	silicondioxide	60676-86-0	28.709	42.70	48.53	427045	485279
leadfinish	non noble metal	tin	7440-31-5	0.497	0.74	0.74	7396	7396
plating	noble metal	silver	7440-22-4	0.825	1.23	1.23	12268	12268
glue	plastics	epoxy resin	-	0.079	0.12		1179	
	noble metal	silver	7440-22-4	0.374	0.56	0.68	5559	6738
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com