



Material Content Data Sheet



Halogen-Free

Sales Product Name	BTT3018EJ	Issued	12. April 2021
MA#	MA005399852		
Package	PG-TDSO-8-21	Weight*	68.07 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	3.119	4.58	4.58	45827	45827
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		140	
	non noble metal	zinc	7440-66-6	0.038	0.06		558	
	non noble metal	iron	7439-89-6	0.760	1.12		11162	
	non noble metal	copper	7440-50-8	30.851	45.33	46.52	453221	465081
wire	non noble metal	copper	7440-50-8	0.607	0.89	0.89	8924	8924
encapsulation	organic material	carbon black	1333-86-4	0.091	0.13		1341	
	plastics	epoxy resin	-	3.559	5.23		52288	
	inorganic material	silicondioxide	60676-86-0	26.770	39.33	44.69	393276	446905
leadfinish	non noble metal	tin	7440-31-5	0.497	0.73	0.73	7305	7305
plating	noble metal	silver	7440-22-4	0.825	1.21	1.21	12117	12117
glue	plastics	epoxy resin	-	0.165	0.24		2422	
	noble metal	silver	7440-22-4	0.777	1.14	1.38	11419	13841
*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