



Material Content Data Sheet



Halogen-Free

Sales Product Name	BTS3080EJ	Issued	25. June 2021
MA#	MA005556750		
Package	PG-TDSO-8-31	Weight*	67.30 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	1.072	1.59	1.59	15925	15925
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		141	
	non noble metal	zinc	7440-66-6	0.038	0.06		564	
	non noble metal	iron	7439-89-6	0.760	1.13		11289	
	non noble metal	copper	7440-50-8	30.851	45.85	47.05	458393	470387
wire	non noble metal	copper	7440-50-8	0.258	0.38	0.38	3827	3827
encapsulation	organic material	carbon black	1333-86-4	0.098	0.14		1449	
	plastics	epoxy resin	-	3.804	5.65		56524	
	inorganic material	silicondioxide	60676-86-0	28.613	42.51	48.30	425140	483113
leadfinish	non noble metal	tin	7440-31-5	0.497	0.74	0.74	7388	7388
plating	noble metal	silver	7440-22-4	0.825	1.23	1.23	12255	12255
glue	plastics	epoxy resin	-	0.084	0.12		1243	
	noble metal	silver	7440-22-4	0.395	0.59	0.71	5862	7105
*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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