



Material Content Data Sheet



Halogen-Free

Sales Product Name	BTT6010-1ERB	Issued	24. February 2022
MA#	MA005707955		
Package	PG-TDSO-14-11	Weight*	111.37 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	4.709	4.23	4.23	42285	42285
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		133	
	non noble metal	zinc	7440-66-6	0.059	0.05		530	
	non noble metal	iron	7439-89-6	1.181	1.06		10603	
	non noble metal	copper	7440-50-8	47.949	43.06	44.18	430527	441793
wire	non noble metal	copper	7440-50-8	0.762	0.68	0.68	6842	6842
encapsulation	organic material	carbon black	1333-86-4	0.146	0.13		1312	
	plastics	epoxy resin	-	5.700	5.12		51176	
	inorganic material	silicondioxide	60676-86-0	42.869	38.49	43.74	384915	437403
leadfinish	non noble metal	tin	7440-31-5	2.346	2.11	2.11	21060	21060
plating	noble metal	silver	7440-22-4	1.355	1.22	1.22	12166	12166
glue	plastics	epoxy resin	-	0.228	0.20		2048	
	noble metal	silver	7440-22-4	1.075	0.97	1.17	9653	11701
heatspreader	inorganic material	phosphorus	7723-14-0	0.001			8	
	non noble metal	zinc	7440-66-6	0.004			32	
	non noble metal	iron	7439-89-6	0.072	0.06		642	
	non noble metal	copper	7440-50-8	2.903	2.61	2.67	26068	26750
*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.

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