

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTT6010-1ERB	**Issued**	27. April 2022
MA#	MA005715085		
Package	PG-TDSO-14-11	**Weight***	111.33 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	42299	42299
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		10607	
	non noble metal	copper	7440-50-8	47.949	43.08	44.20	430674	441944
wire	non noble metal	copper	7440-50-8	0.713	0.64	0.64	6406	6406
encapsulation	organic material	carbon black	1333-86-4	0.146	0.13		1313	
	plastics	epoxy resin	-	5.701	5.12		51205	
	inorganic material	silicondioxide	60676-86-0	42.879	38.51	43.76	385133	437651
leadfinish	non noble metal	tin	7440-31-5	2.346	2.11	2.11	21068	21068
plating	noble metal	silver	7440-22-4	1.355	1.22	1.22	12170	12170
glue	plastics	epoxy resin	-	0.228	0.20		2048	
	noble metal	silver	7440-22-4	1.075	0.97	1.17	9656	11704
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	26076	26758
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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