

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTT6010-1ERA	**Issued**	27. April 2022
MA#	MA005715081		
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.
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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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