

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTT6030-1ERA	**Issued**	27. April 2022
MA#	MA005715093		
Package	PG-TDSO-14-11	**Weight***	110.71 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	2.468	2.23	2.23	22289	22289
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		133	
	non noble metal	zinc	7440-66-6	0.059	0.05		533	
	non noble metal	iron	7439-89-6	1.181	1.07		10667	
	non noble metal	copper	7440-50-8	47.949	43.33	44.46	433119	444452
wire	non noble metal	copper	7440-50-8	0.597	0.54	0.54	5388	5388
encapsulation	organic material	carbon black	1333-86-4	0.153	0.14		1381	
	plastics	epoxy resin	-	5.961	5.38		53849	
	inorganic material	silicondioxide	60676-86-0	44.838	40.50	46.02	405016	460246
leadfinish	non noble metal	tin	7440-31-5	2.346	2.12	2.12	21187	21187
plating	noble metal	silver	7440-22-4	1.355	1.22	1.22	12240	12240
glue	plastics	epoxy resin	-	0.141	0.13		1275	
	noble metal	silver	7440-22-4	0.666	0.60	0.73	6013	7288
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		646	
	non noble metal	copper	7440-50-8	2.903	2.62	2.68	26224	26910
*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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