

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTT6030-2ERA	**Issued**	27. April 2022
MA#	MA005714285		
Package	PG-TDSO-14-31	**Weight***	112.15 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	4.414	3.94	3.94	39356	39356
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		132	
	non noble metal	zinc	7440-66-6	0.059	0.05		530	
	non noble metal	iron	7439-89-6	1.188	1.06		10592	
	non noble metal	copper	7440-50-8	48.235	43.01	44.13	430092	441346
wire	non noble metal	copper	7440-50-8	1.554	1.39	1.39	13853	13853
encapsulation	organic material	carbon black	1333-86-4	0.146	0.13		1304	
	plastics	epoxy resin	-	5.705	5.09		50868	
	inorganic material	silicondioxide	60676-86-0	42.908	38.26	43.48	382594	434766
leadfinish	non noble metal	tin	7440-31-5	2.346	2.09	2.09	20914	20914
plating	noble metal	silver	7440-22-4	1.364	1.22	1.22	12167	12167
glue	plastics	epoxy resin	-	0.217	0.19		1931	
	noble metal	silver	7440-22-4	1.021	0.91	1.10	9102	11033
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		638	
	non noble metal	copper	7440-50-8	2.903	2.59	2.65	25887	26565
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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