



Material Content Data Sheet



Halogen-Free

Sales Product Name	BTT6030-1ERA	Issued	24. February 2022
MA#	MA005707949		
Package	PG-TDSO-14-11	Weight*	110.72 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	22286	22286
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		10665	
	non noble metal	copper	7440-50-8	47.949	43.32	44.45	433055	444386
wire	non noble metal	copper	7440-50-8	0.618	0.56	0.56	5578	5578
encapsulation	organic material	carbon black	1333-86-4	0.153	0.14		1380	
	plastics	epoxy resin	-	5.961	5.38		53836	
	inorganic material	silicondioxide	60676-86-0	44.833	40.49	46.01	404918	460134
leadfinish	non noble metal	tin	7440-31-5	2.346	2.12	2.12	21184	21184
plating	noble metal	silver	7440-22-4	1.355	1.22	1.22	12238	12238
glue	plastics	epoxy resin	-	0.141	0.13		1275	
	noble metal	silver	7440-22-4	0.666	0.60	0.73	6012	7287
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	26221	26907
*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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