

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTT6020-1ERA	**Issued**	27. April 2022
MA#	MA005715089		
Package	PG-TDSO-14-11	**Weight***	110.94 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	3.172	2.86	2.86	28596	28596
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		133	
	non noble metal	zinc	7440-66-6	0.059	0.05		532	
	non noble metal	iron	7439-89-6	1.181	1.06		10644	
	non noble metal	copper	7440-50-8	47.949	43.25	44.37	432209	443518
wire	non noble metal	copper	7440-50-8	0.680	0.61	0.61	6128	6128
encapsulation	organic material	carbon black	1333-86-4	0.151	0.14		1359	
	plastics	epoxy resin	-	5.878	5.30		52987	
	inorganic material	silicondioxide	60676-86-0	44.213	39.85	45.29	398538	452884
leadfinish	non noble metal	tin	7440-31-5	2.346	2.11	2.11	21143	21143
plating	noble metal	silver	7440-22-4	1.355	1.22	1.22	12214	12214
glue	plastics	epoxy resin	-	0.168	0.15		1516	
	noble metal	silver	7440-22-4	0.793	0.71	0.86	7147	8663
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		645	
	non noble metal	copper	7440-50-8	2.903	2.62	2.68	26169	26854
*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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