



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BTT6020-1ERA	<b>Issued</b>	08. April 2022
<b>MA#</b>	MA005578985		
<b>Package</b>	PG-TDSO-14-11	<b>Weight*</b>	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:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com