



Material Content Data Sheet



Halogen-Free

Sales Product Name	BTT6100-2ERA	Issued	03. June 2021
MA#	MA005559205		
Package	PG-TDSO-14-21	Weight*	110.78 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	1.998	1.80	1.80	18034	18034
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		134	
	non noble metal	zinc	7440-66-6	0.059	0.05		536	
	non noble metal	iron	7439-89-6	1.188	1.07		10723	
	non noble metal	copper	7440-50-8	48.235	43.57	44.70	435391	446784
wire	non noble metal	copper	7440-50-8	0.542	0.49	0.49	4889	4889
encapsulation	organic material	carbon black	1333-86-4	0.154	0.14		1391	
	plastics	epoxy resin	-	6.009	5.42		54238	
	inorganic material	silicondioxide	60676-86-0	45.194	40.79	46.35	407943	463572
leadfinish	non noble metal	tin	7440-31-5	2.346	2.12	2.12	21172	21172
plating	noble metal	silver	7440-22-4	1.364	1.23	1.23	12317	12317
glue	plastics	epoxy resin	-	0.123	0.11		1110	
	noble metal	silver	7440-22-4	0.580	0.52	0.63	5231	6341
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	26206	26891
*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.

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