Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTT6030-2ERB	**Issued**	11. August 2021
MA#	MA005407436		
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:

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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