



Material Content Data Sheet



Halogen-Free

Sales Product Name	BTS3256D	Issued	02. June 2021
MA#	MA001896592		
Package	PG-TO252-5-11	Weight*	357.63 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.013	0.28	0.28	2832	2832
chip_2	inorganic material	silicon	7440-21-3	4.142	1.16	1.16	11581	11581
leadframe	inorganic material	phosphorus	7723-14-0	0.061	0.02		172	
	non noble metal	iron	7439-89-6	0.205	0.06		572	
	non noble metal	copper	7440-50-8	204.243	57.11	57.19	571103	571847
wire	non noble metal	aluminium	7429-90-5	2.317	0.65	0.65	6479	6479
encapsulation	inorganic material	zinc oxide	1314-13-2	1.371	0.38		3832	
	miscellaneous	miscellaneous	-	6.853	1.92		19161	
	plastics	epoxy resin	-	20.558	5.75		57483	
	inorganic material	silicon dioxide	60676-86-0	108.271	30.27	38.32	302746	383222
lead finish	non noble metal	tin	7440-31-5	5.072	1.42	1.42	14184	14184
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.076	0.02	0.02	213	214
solder	non noble metal	tin	7440-31-5	0.066	0.02		184	
	noble metal	silver	7440-22-4	0.082	0.02		230	
	non noble metal	lead	7439-92-1	3.145	0.88	0.92	8795	9209
glue	plastics	Polyimide	26023-21-2	0.155	0.04	0.04	432	432
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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