



Material Content Data Sheet



Halogen-Free

Sales Product Name	BTS6163D	Issued	13. May 2021
MA#	MA001949486		
Package	PG-TO252-5-11	Weight*	357.93 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	4.425	1.24	1.24	12364	12364
chip_2	inorganic material	silicon	7440-21-3	1.157	0.32	0.32	3234	3234
leadframe	inorganic material	phosphorus	7723-14-0	0.061	0.02		171	
	non noble metal	iron	7439-89-6	0.205	0.06		571	
	non noble metal	copper	7440-50-8	204.243	57.06	57.14	570623	571365
wire	non noble metal	aluminium	7429-90-5	2.605	0.73	0.73	7278	7278
encapsulation	inorganic material	zinc oxide	1314-13-2	1.365	0.38		3813	
	miscellaneous	miscellaneous	-	6.824	1.91		19065	
	plastics	epoxy resin	-	20.472	5.72		57196	
	inorganic material	silicon dioxide	60676-86-0	107.820	30.12	38.13	301233	381307
lead finish	non noble metal	tin	7440-31-5	5.072	1.42	1.42	14172	14172
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	0.069	0.02		193	
	noble metal	silver	7440-22-4	0.087	0.02		242	
	non noble metal	lead	7439-92-1	3.305	0.92	0.96	9233	9668
glue	plastics	Polyimide	26023-21-2	0.143	0.04	0.04	398	398
*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.

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