



Material Content Data Sheet



Sales Product Name	BTS6143D	Issued	13. May 2021
MA#	MA002349480		
Package	PG-TO252-5-11	Weight*	357.89 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	12365	12365	
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	57.07	57.15	570686	571428	
wire	non noble metal	aluminium	7429-90-5	2.469	0.69	0.69	6898	6898	
encapsulation	inorganic material	zincoxide	1314-13-2	1.366	0.38		3816		
	miscellaneous	miscellaneous	-	6.829	1.91		19081		
	plastics	epoxy resin	-	20.487	5.72		57243		
	inorganic material	silicondioxide	60676-86-0	107.897	30.15	38.16	301481	381621	
leadfinish	non noble metal	tin	7440-31-5	5.072	1.42	1.42	14173	14173	
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	9234	9669	
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