



Material Content Data Sheet



Sales Product Name		BTS443P		Issued		31. January 2019		
MA#		MA000267886						
Package		PG-TO252-5-11		Weight*		358.10 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	5.264	1.47	1.47	14700	14700
chip_2	inorganic material	silicon	7440-21-3	1.025	0.29	0.29	2862	2862
leadframe	inorganic material	phosphorus	7723-14-0	0.061	0.02		171	
	non noble metal	iron	7439-89-6	0.205	0.06		571	
wire	non noble metal	copper	7440-50-8	204.243	57.02	57.10	570346	571088
	non noble metal	aluminium	7429-90-5	1.835	0.51	0.51	5125	5125
encapsulation	organic material	carbon black	1333-86-4	1.360	0.38		3798	
	plastics	epoxy resin	-	23.804	6.65		66471	
	inorganic material	silicondioxide	60676-86-0	110.857	30.96	37.99	309566	379835
leadfinish	non noble metal	tin	7440-31-5	5.072	1.42	1.42	14165	14165
plating	inorganic material	phosphorus	7723-14-0	0.000	0.00		1	
	non noble metal	nickel	7440-02-0	0.076	0.02	0.02	213	214
solder	non noble metal	tin	7440-31-5	0.083	0.02		233	
	noble metal	silver	7440-22-4	0.104	0.03		291	
glue	non noble metal	lead	7439-92-1	3.982	1.11	1.16	11119	11643
	plastics	Polyimide	26023-21-2	0.132	0.04	0.04	368	368
*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 München
Internet	www.infineon.com