



Material Content Data Sheet



Sales Product Name	BTS443P			Issued	25. January 2018			
MA#	MA001949436							
Package	PG-TO252-5-11			Weight*	358.66 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	10.528	2.94	2.94	29355	29355
leadframe	inorganic material	phosphorus	7723-14-0	0.061	0.02		171	
	non noble metal	iron	7439-89-6	0.205	0.06		570	
	non noble metal	copper	7440-50-8	204.243	56.95	57.03	569457	570198
	non noble metal	aluminium	7429-90-5	2.046	0.57	0.57	5706	5706
wire	non noble metal	aluminium	7429-90-5	2.046	0.57	0.57	5706	5706
encapsulation	organic material	carbon black	1333-86-4	1.318	0.37		3675	
	plastics	epoxy resin	-	23.067	6.43		64315	
	inorganic material	silicondioxide	60676-86-0	107.428	29.95	36.75	299522	367512
leadfinish	non noble metal	tin	7440-31-5	5.072	1.41	1.41	14143	14143
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	212	213
glue	plastics	Polyimide	26023-21-2	0.448	0.12	0.12	1249	1249
solder	non noble metal	tin	7440-31-5	0.083	0.02		232	
	noble metal	silver	7440-22-4	0.104	0.03		291	
	non noble metal	lead	7439-92-1	3.982	1.11	1.16	11101	11624
*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