



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS462T		<b>Issued</b>		2. August 2018		
<b>MA#</b>		MA000943920						
<b>Package</b>		PG-TO252-5-11		<b>Weight*</b>		355.84 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	2.265	0.64	0.64	6367	6367
leadframe	non noble metal	iron	7439-89-6	0.205	0.06		575	
	inorganic material	phosphorus	7723-14-0	0.061	0.02		172	
	non noble metal	copper	7440-50-8	204.243	57.38	57.46	573975	574722
wire	non noble metal	aluminium	7429-90-5	0.513	0.14	0.14	1441	1441
encapsulation	organic material	carbon black	1333-86-4	1.411	0.40		3964	
	plastics	epoxy resin	-	24.684	6.94		69369	
	inorganic material	silicondioxide	60676-86-0	114.957	32.31	39.65	323059	396392
leadfinish	non noble metal	tin	7440-31-5	5.072	1.43	1.43	14255	14255
plating	non noble metal	nickel	7440-02-0	0.076	0.02		214	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	215
solder	noble metal	silver	7440-22-4	0.059	0.02		165	
	non noble metal	tin	7440-31-5	0.047	0.01		132	
	non noble metal	lead	7439-92-1	2.246	0.63	0.66	6311	6608
*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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