



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS410E2 E3062A		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA001118862						
<b>Package</b>		PG-TO263-5-2		<b>Weight*</b>		1498.68 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	6.117	0.41	0.41	4082	4082
leadframe	inorganic material	phosphorus	7723-14-0	0.237	0.02		158	
	non noble metal	iron	7439-89-6	0.790	0.05		527	
	non noble metal	copper	7440-50-8	788.527	52.61	52.68	526149	526834
	non noble metal	aluminium	7429-90-5	1.522	0.10	0.10	1016	1016
wire	non noble metal	aluminium	7429-90-5	1.522	0.10	0.10	1016	1016
encapsulation	organic material	carbon black	1333-86-4	6.319	0.42		4216	
	inorganic material	antimonytrioxide	1309-64-4	13.212	0.88		8816	
	plastics	brominated resin	-	14.935	1.00		9965	
	plastics	epoxy resin	-	109.140	7.28		72824	
	inorganic material	silicondioxide	60676-86-0	430.816	28.75	38.33	287463	383284
leadfinish	non noble metal	tin	7440-31-5	10.339	0.69	0.69	6899	6899
plating	inorganic material	phosphorus	7723-14-0	0.008	0.00		5	
	non noble metal	nickel	7440-02-0	3.422	0.23	0.23	2283	2288
solder	non noble metal	tin	7440-31-5	0.104	0.01		70	
	noble metal	silver	7440-22-4	0.130	0.01		87	
	non noble metal	lead	7439-92-1	4.978	0.33	0.35	3321	3478
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		22	
	non noble metal	iron	7439-89-6	0.108	0.01		72	
	non noble metal	copper	7440-50-8	107.943	7.20	7.21	72025	72119
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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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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