



Material Content Data Sheet



Sales Product Name		BTS247Z E3062A		Issued		20. July 2018		
MA#		MA000926350						
Package		PG-TO263-5-2		Weight*		1516.98 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	10.237	0.67	0.67	6748	6748
leadframe	non noble metal	iron	7439-89-6	0.790	0.05		520	
	inorganic material	phosphorus	7723-14-0	0.237	0.02		156	
	non noble metal	copper	7440-50-8	788.527	51.98	52.05	519801	520477
wire	non noble metal	aluminium	7429-90-5	1.617	0.11	0.11	1066	1066
encapsulation	organic material	carbon black	1333-86-4	8.786	0.58		5791	
	plastics	epoxy resin	-	96.641	6.37		63706	
	inorganic material	silicondioxide	60676-86-0	480.277	31.66	38.61	316602	386099
leadfinish	non noble metal	tin	7440-31-5	10.339	0.68	0.68	6816	6816
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	2256	2261
solder	noble metal	silver	7440-22-4	0.200	0.01		132	
	non noble metal	tin	7440-31-5	0.160	0.01		106	
	non noble metal	lead	7439-92-1	7.654	0.50	0.52	5046	5284
heatspreader	non noble metal	iron	7439-89-6	0.108	0.01		71	
	inorganic material	phosphorus	7723-14-0	0.032	0.00		21	
	non noble metal	copper	7440-50-8	107.943	7.12	7.13	71157	71249
*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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