



Material Content Data Sheet



Sales Product Name	BTF3050TE			Issued	25. January 2018			
MA#	MA001220390							
Package	PG-TO252-5-11			Weight*	355.09 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	1.424	0.40	0.40	4011	4011
leadframe	non noble metal	iron	7439-89-6	0.205	0.06		576	
	inorganic material	phosphorus	7723-14-0	0.061	0.02		173	
	non noble metal	copper	7440-50-8	204.243	57.51	57.59	575195	575944
wire	non noble metal	aluminium	7429-90-5	1.228	0.35	0.35	3458	3458
encapsulation	organic material	carbon black	1333-86-4	1.413	0.40		3978	
	plastics	epoxy resin	-	24.720	6.96		69618	
	inorganic material	silicondioxide	60676-86-0	115.126	32.42	39.78	324219	397815
leadfinish	non noble metal	tin	7440-31-5	5.072	1.43	1.43	14285	14285
plating	non noble metal	nickel	7440-02-0	0.076	0.02		215	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	216
solder	noble metal	silver	7440-22-4	0.038	0.01		107	
	non noble metal	tin	7440-31-5	0.030	0.01		85	
	non noble metal	lead	7439-92-1	1.448	0.41	0.43	4079	4271
*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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