



Material Content Data Sheet



Sales Product Name		BTF3050TE		Issued		27. September 2017			
MA#		MA001263764							
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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