



Material Content Data Sheet



Sales Product Name		BTS50080-1TEB		Issued		24. January 2018		
MA#		MA000506950						
Package		PG-TO252-5-11		Weight*		358.54 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	5.583	1.56	1.56	15571	15571
leadframe	inorganic material	phosphorus	7723-14-0	0.061	0.02		171	
	non noble metal	iron	7439-89-6	0.205	0.06		570	
	non noble metal	copper	7440-50-8	204.243	56.96	57.04	569646	570387
	non noble metal	aluminium	7429-90-5	1.982	0.55	0.55	5528	5528
wire	non noble metal	aluminium	7429-90-5	1.982	0.55	0.55	5528	5528
encapsulation	organic material	carbon black	1333-86-4	1.366	0.38		3809	
	plastics	epoxy resin	-	23.902	6.67		66663	
	inorganic material	silicondioxide	60676-86-0	111.313	31.05	38.10	310459	380931
leadfinish	non noble metal	tin	7440-31-5	5.072	1.41	1.41	14147	14147
plating	inorganic material	phosphorus	7723-14-0	0.000	0.00		1	
	non noble metal	nickel	7440-02-0	0.076	0.02	0.02	213	214
solder	non noble metal	tin	7440-31-5	0.095	0.03		264	
	noble metal	silver	7440-22-4	0.119	0.03		331	
	non noble metal	lead	7439-92-1	4.527	1.26	1.32	12627	13222
*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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