



Material Content Data Sheet



Sales Product Name		BTS550P E3146		Issued		25. September 2017		
MA#		MA000875040						
Package		PG-TO218-5-146		Weight*		5520.29 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	25.050	0.45	0.45	4538	4538
leadframe	non noble metal	iron	7439-89-6	4.174	0.08		756	
	inorganic material	phosphorus	7723-14-0	1.252	0.02		227	
	non noble metal	copper	7440-50-8	4168.995	75.51	75.61	755213	756196
wire	non noble metal	aluminium	7429-90-5	12.350	0.22	0.22	2237	2237
encapsulation	organic material	carbon black	1333-86-4	13.292	0.24		2408	
	inorganic material	antimonytrioxide	1309-64-4	27.791	0.50		5034	
	plastics	brominated resin	-	31.416	0.57		5691	
	plastics	epoxy resin	-	229.581	4.16		41589	
	inorganic material	silicondioxide	60676-86-0	906.242	16.42	21.89	164165	218887
leadfinish	non noble metal	tin	7440-31-5	37.944	0.69	0.69	6874	6874
plating	non noble metal	nickel	7440-02-0	53.463	0.97	0.97	9685	9685
glue	plastics	Polyimide	26023-21-2	0.435	0.01	0.01	79	79
solder	non noble metal	antimony	7440-36-0	0.830	0.02		150	
	noble metal	silver	7440-22-4	2.076	0.04		376	
	non noble metal	tin	7440-31-5	5.397	0.10	0.16	978	1504
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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 does not use any exemption

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