



Material Content Data Sheet



Sales Product Name		BTS555 E3146		Issued		20. July 2018		
MA#		MA000875738						
Package		PG-TO218-5-146		Weight*		5528.31 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	59.868	1.08	1.08	10829	10829
leadframe	non noble metal	iron	7439-89-6	4.174	0.08		755	
	inorganic material	phosphorus	7723-14-0	1.252	0.02		227	
	non noble metal	copper	7440-50-8	4168.995	75.41	75.51	754119	755101
wire	non noble metal	aluminium	7429-90-5	12.253	0.22	0.22	2216	2216
encapsulation	organic material	carbon black	1333-86-4	12.955	0.23		2343	
	inorganic material	antimonytrioxide	1309-64-4	27.087	0.49		4900	
	plastics	brominated resin	-	30.621	0.55		5539	
	plastics	epoxy resin	-	223.766	4.05		40476	
	inorganic material	silicondioxide	60676-86-0	883.285	15.98	21.30	159775	213033
leadfinish	non noble metal	tin	7440-31-5	37.944	0.69	0.69	6864	6864
plating	non noble metal	nickel	7440-02-0	53.463	0.97	0.97	9671	9671
glue	plastics	Polyimide	26023-21-2	1.686	0.03	0.03	305	305
solder	non noble metal	antimony	7440-36-0	1.096	0.02		198	
	noble metal	silver	7440-22-4	2.739	0.05		495	
	non noble metal	tin	7440-31-5	7.122	0.13	0.20	1288	1981
*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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