



Material Content Data Sheet



Sales Product Name		BGT 24AT2 E6433		Issued		20. July 2018		
MA#		MA001093718						
Package		PG-VQFN-32-9		Weight*		55.61 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	2.375	4.27	4.27	42713	42713
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		146	
	non noble metal	zinc	7440-66-6	0.032	0.06		582	
	non noble metal	iron	7439-89-6	0.647	1.16		11641	
wire	non noble metal	copper	7440-50-8	26.284	47.27	48.50	472684	485053
	noble metal	gold	7440-57-5	0.355	0.64	0.64	6380	6380
	encapsulation	organic material	carbon black	1333-86-4	0.070	0.13		1252
plastics	plastics	epoxy resin	-	2.948	5.30		53012	
		inorganic material	silicondioxide	60676-86-0	20.194	36.32	41.75	363156
leadfinish	non noble metal	tin	7440-31-5	1.435	2.58	2.58	25810	25810
plating	noble metal	silver	7440-22-4	0.555	1.00	1.00	9981	9981
glue	plastics	epoxy resin	-	0.162	0.29		2908	
		noble metal	silver	7440-22-4	0.541	0.97	1.26	9735
*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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