

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGT 24AR4 E6466	**Issued**	4. July 2019
MA#	MA003703740		
Package	PG-VQFN-32-9	**Weight***	55.58 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	42736	42736
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		11648	
	non noble metal	copper	7440-50-8	26.284	47.31	48.54	472941	485317
wire	noble metal	gold	7440-57-5	0.321	0.58	0.58	5773	5773
encapsulation	organic material	carbon black	1333-86-4	0.070	0.13		1253	
	plastics	epoxy resin	-	2.948	5.30		53050	
	inorganic material	silicondioxide	60676-86-0	20.197	36.34	41.77	363410	417713
leadfinish	non noble metal	tin	7440-31-5	1.435	2.58	2.58	25824	25824
plating	noble metal	silver	7440-22-4	0.555	1.00	1.00	9986	9986
glue	plastics	epoxy resin	-	0.162	0.29		2910	
	noble metal	silver	7440-22-4	0.541	0.97	1.26	9741	12651
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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