



Material Content Data Sheet



Halogen-Free

Sales Product Name	BGT 24MR2 E6327	Issued	04. May 2021
MA#	MA001091272		
Package	PG-VQFN-32-9	Weight*	55.54 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	1.627	2.93	2.93	29287	29287
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		146	
	non noble metal	zinc	7440-66-6	0.032	0.06		583	
	non noble metal	iron	7439-89-6	0.647	1.17		11656	
	non noble metal	copper	7440-50-8	26.284	47.33	48.57	473268	485653
wire	noble metal	gold	7440-57-5	0.476	0.86	0.86	8570	8570
encapsulation	organic material	carbon black	1333-86-4	0.072	0.13		1293	
	plastics	epoxy resin	-	3.040	5.47		54736	
	inorganic material	silicondioxide	60676-86-0	20.824	37.50	43.10	374965	430994
leadfinish	non noble metal	tin	7440-31-5	1.435	2.58	2.58	25842	25842
plating	noble metal	silver	7440-22-4	0.555	1.00	1.00	9993	9993
glue	plastics	epoxy resin	-	0.123	0.22		2222	
	noble metal	silver	7440-22-4	0.413	0.74	0.96	7439	9661
*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.
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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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