



Material Content Data Sheet



Halogen-Free

Sales Product Name	BGT 24MTR12 E6327	Issued	04. May 2021
MA#	MA001089408		
Package	PG-VQFN-32-9	Weight*	55.68 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	42657	42657
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		145	
	non noble metal	zinc	7440-66-6	0.032	0.06		581	
	non noble metal	iron	7439-89-6	0.647	1.16		11626	
	non noble metal	copper	7440-50-8	26.284	47.22	48.45	472061	484413
wire	noble metal	gold	7440-57-5	0.437	0.78	0.78	7840	7840
encapsulation	organic material	carbon black	1333-86-4	0.070	0.12		1250	
	plastics	epoxy resin	-	2.947	5.29		52923	
	inorganic material	silicondioxide	60676-86-0	20.186	36.25	41.66	362547	416720
leadfinish	non noble metal	tin	7440-31-5	1.435	2.58	2.58	25776	25776
plating	noble metal	silver	7440-22-4	0.555	1.00	1.00	9968	9968
glue	plastics	epoxy resin	-	0.162	0.29		2904	
	noble metal	silver	7440-22-4	0.541	0.97	1.26	9722	12626
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com