

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGT 24AR4 E6433	**Issued**	02. June 2021
MA#	MA001093716		
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	42737	42737
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	472948	485324
wire	noble metal	gold	7440-57-5	0.320	0.58	0.58	5759	5759
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	363416	417719
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:

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