



## Material Content Data Sheet



<b>Sales Product Name</b>		BGT 24ATR11 E6433		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001103322						
<b>Package</b>		PG-VQFN-32-9		<b>Weight*</b>		55.45 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	29331	29331
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		146	
	non noble metal	zinc	7440-66-6	0.032	0.06		584	
	non noble metal	iron	7439-89-6	0.647	1.17		11673	
wire	non noble metal	copper	7440-50-8	26.284	47.40	48.64	473979	486382
	noble metal	gold	7440-57-5	0.383	0.69	0.69	6909	6909
	encapsulation	organic material	carbon black	1333-86-4	0.072	0.13		1295
encapsulation	plastics	epoxy resin	-	3.041	5.48		54840	
	inorganic material	silicondioxide	60676-86-0	20.833	37.57	43.18	375678	431813
leadfinish	non noble metal	tin	7440-31-5	1.435	2.59	2.59	25881	25881
plating	noble metal	silver	7440-22-4	0.555	1.00	1.00	10008	10008
glue	plastics	epoxy resin	-	0.123	0.22		2225	
	noble metal	silver	7440-22-4	0.413	0.75	0.97	7451	9676
*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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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 München
Internet	www.infineon.com