

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGA 9V1MN9 E6327	**Issued**	16. May 2021
MA#	MA005353581		
Package	PG-TSNP-9-6	**Weight***	1.32 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	0.149	11.33	11.33	113285	113285
bumps	noble metal	silver	7440-22-4	0.000	0.01		59	
	non noble metal	nickel	7440-02-0	0.001	0.06		591	
	non noble metal	tin	7440-31-5	0.004	0.30		2955	
	non noble metal	copper	7440-50-8	0.011	0.82	1.19	8216	11821
leadframe	non noble metal	zinc	7440-66-6	0.001	0.07		748	
	non noble metal	tin	7440-31-5	0.001	0.09		935	
	non noble metal	chromium	7440-47-3	0.001	0.11		1122	
	non noble metal	copper	7440-50-8	0.488	37.13	37.40	371285	374090
encapsulation	organic material	carbon black	1333-86-4	0.001	0.09		947	
	plastics	epoxy resin	-	0.073	5.58		55829	
	inorganic material	silicondioxide	60676-86-0	0.548	41.64	47.31	416354	473130
leadfinish	non noble metal	tin	7440-31-5	0.036	2.76	2.76	27590	27590
ubm	non noble metal	titanium	7440-32-6	0.000			9	
	non noble metal	copper	7440-50-8	0.000	0.01	0.01	75	84
*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.

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