

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGA 9C1MN9 E6327	**Issued**	27. April 2022
MA#	MA005723263		
Package	PG-TSNP-9-6	**Weight***	1.31 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	11.37	11.37	113667	113667
bumps	noble metal	silver	7440-22-4	0.000	0.01		60	
	non noble metal	nickel	7440-02-0	0.001	0.06		593	
	non noble metal	tin	7440-31-5	0.004	0.30		2965	
	non noble metal	copper	7440-50-8	0.011	0.82	1.19	8244	11862
leadframe	non noble metal	magnesium	7439-95-4	0.001	0.06		558	
	inorganic material	silicon	7440-21-3	0.003	0.24		2418	
	non noble metal	nickel	7440-02-0	0.015	1.12		11159	
	non noble metal	copper	7440-50-8	0.469	35.78	37.20	357843	371978
encapsulation	organic material	carbon black	1333-86-4	0.001	0.10		950	
	plastics	epoxy resin	-	0.073	5.60		56017	
	inorganic material	silicondioxide	60676-86-0	0.548	41.76	47.46	417759	474726
leadfinish	non noble metal	tin	7440-31-5	0.036	2.77	2.77	27683	27683
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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