

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGA 9H1MN9 E6329	**Issued**	23. June 2021
MA#	MA005545222		
Package	PG-TSNP-9-2	**Weight***	1.53 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	9.77	9.77	97711	97711
bumps	non noble metal	copper	7440-50-8	0.009	0.60	0.60	5954	5954
leadframe	non noble metal	zinc	7440-66-6	0.001	0.09		949	
	non noble metal	tin	7440-31-5	0.002	0.12		1186	
	non noble metal	chromium	7440-47-3	0.002	0.14		1424	
	non noble metal	copper	7440-50-8	0.718	47.10	47.45	470947	474506
encapsulation	organic material	carbon black	1333-86-4	0.003	0.19		1876	
	inorganic material	zink oxide	1314-13-2	0.006	0.38		3752	
	miscellaneous	miscellaneous	-	0.009	0.56		5627	
	plastics	epoxy resin	-	0.063	4.13		41266	
	inorganic material	silicondioxide	60676-86-0	0.492	32.26	37.52	322624	375145
leadfinish	non noble metal	tin	7440-31-5	0.026	1.70	1.70	16998	16998
plating	noble metal	silver	7440-22-4	0.042	2.73	2.73	27268	27268
solder	noble metal	silver	7440-22-4	0.000			39	
	non noble metal	tin	7440-31-5	0.003	0.21	0.21	2121	2160
ubm	non noble metal	titanium	7440-32-6	0.000			29	
	non noble metal	copper	7440-50-8	0.000	0.02	0.02	229	258
*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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