



Material Content Data Sheet



Halogen-Free

Sales Product Name	BGA 9H1BN6 E6327	Issued	09. February 2022
MA#	MA005584023		
Package	PG-TSNP-6-10	Weight*	0.83 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	0.093	11.20	11.20	112047	112047
bumps	noble metal	silver	7440-22-4	0.000			39	
	non noble metal	nickel	7440-02-0	0.000	0.04		385	
	non noble metal	tin	7440-31-5	0.002	0.19		1927	
	non noble metal	copper	7440-50-8	0.004	0.54	0.77	5357	7708
leadframe	non noble metal	zinc	7440-66-6	0.001	0.08		760	
	non noble metal	tin	7440-31-5	0.001	0.10		950	
	non noble metal	chromium	7440-47-3	0.001	0.11		1140	
	non noble metal	copper	7440-50-8	0.313	37.71	38.00	377122	379972
encapsulation	organic material	carbon black	1333-86-4	0.001	0.10		958	
	plastics	epoxy resin	-	0.047	5.66		56569	
	inorganic material	silicondioxide	60676-86-0	0.350	42.18	47.94	421870	479397
leadfinish	non noble metal	tin	7440-31-5	0.017	2.08	2.08	20803	20803
ubm	non noble metal	titanium	7440-32-6	0.000			8	
	non noble metal	copper	7440-50-8	0.000	0.01	0.01	65	73
*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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