

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGA 5H1BN6 E6327	**Issued**	27. April 2022
MA#	MA005722872		
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	11.21	11.21	112127	112127
bumps	non noble metal	copper	7440-50-8	0.007	0.82	0.82	8220	8220
leadframe	non noble metal	magnesium	7439-95-4	0.000	0.06		565	
	inorganic material	silicon	7440-21-3	0.002	0.24		2449	
	non noble metal	nickel	7440-02-0	0.009	1.13		11305	
	non noble metal	copper	7440-50-8	0.301	36.25	37.68	362507	376826
encapsulation	organic material	carbon black	1333-86-4	0.001	0.10		958	
	plastics	epoxy resin	-	0.047	5.65		56512	
	inorganic material	silicondioxide	60676-86-0	0.350	42.15	47.90	421448	478918
leadfinish	non noble metal	tin	7440-31-5	0.017	2.08	2.08	20818	20818
solder	noble metal	silver	7440-22-4	0.000	0.01		70	
	non noble metal	tin	7440-31-5	0.002	0.29	0.30	2948	3018
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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