

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGA 123N6 E6327	**Issued**	23. June 2021
MA#	MA005447348		
Package	PG-TSNP-6-2	**Weight***	0.92 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	10.16	10.16	101583	101583
bumps	non noble metal	copper	7440-50-8	0.003	0.33	0.33	3303	3303
leadframe	non noble metal	zinc	7440-66-6	0.001	0.08		777	
	non noble metal	tin	7440-31-5	0.001	0.10		971	
	non noble metal	chromium	7440-47-3	0.001	0.12		1166	
	non noble metal	copper	7440-50-8	0.353	38.56	38.86	385636	388550
encapsulation	organic material	carbon black	1333-86-4	0.002	0.22		2240	
	inorganic material	zink oxide	1314-13-2	0.004	0.45		4479	
	miscellaneous	miscellaneous	-	0.006	0.67		6720	
	plastics	epoxy resin	-	0.045	4.93		49276	
	inorganic material	silicondioxide	60676-86-0	0.353	38.53	44.80	385254	447969
leadfinish	non noble metal	tin	7440-31-5	0.037	4.05	4.05	40549	40549
plating	noble metal	silver	7440-22-4	0.015	1.62	1.62	16200	16200
solder	noble metal	silver	7440-22-4	0.000			33	
	non noble metal	tin	7440-31-5	0.002	0.18	0.18	1765	1798
ubm	non noble metal	titanium	7440-32-6	0.000			5	
	non noble metal	copper	7440-50-8	0.000			43	48
*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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