



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BGA 123N6 E6327	<b>Issued</b>	11. May 2022
<b>MA#</b>	MA005705646		
<b>Package</b>	PG-TSNP-6-2	<b>Weight*</b>	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.
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