

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGA 715N7 E6327	**Issued**	31. March 2021
MA#	MA001129894		
Package	PG-TSNP-7-1	**Weight***	3.85 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	0.128	3.33	3.33	33337	33337
leadframe	non noble metal	zinc	7440-66-6	0.004	0.11		1118	
	non noble metal	tin	7440-31-5	0.005	0.14		1397	
	non noble metal	chromium	7440-47-3	0.006	0.17		1676	
	non noble metal	copper	7440-50-8	2.136	55.46	55.88	554560	558751
wire	noble metal	gold	7440-57-5	0.034	0.90	0.90	8955	8955
encapsulation	organic material	carbon black	1333-86-4	0.006	0.16		1623	
	inorganic material	zink oxide	1314-13-2	0.013	0.32		3246	
	miscellaneous	miscellaneous	-	0.019	0.49		4869	
	plastics	epoxy resin	-	0.138	3.57		35706	
	inorganic material	silicondioxide	60676-86-0	1.075	27.92	32.46	279154	324598
leadfinish	non noble metal	tin	7440-31-5	0.111	2.89	2.89	28944	28944
plating	noble metal	silver	7440-22-4	0.104	2.69	2.69	26941	26941
glue	plastics	epoxy resin	-	0.014	0.37		3695	
	noble metal	silver	7440-22-4	0.057	1.48	1.85	14779	18474
*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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