



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BGA 715N7 E6327	<b>Issued</b>	31. March 2021
<b>MA#</b>	MA001129894		
<b>Package</b>	PG-TSNP-7-1	<b>Weight*</b>	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	zinc 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:

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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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com