



## Material Content Data Sheet



<b>Sales Product Name</b>		BGA 715N7 E6327		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001129894						
<b>Package</b>		PG-TSNP-7-1		<b>Weight*</b>		3.86 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	0.130	3.37	3.37	33685	33685
leadframe	non noble metal	zinc	7440-66-6	0.004	0.11		1116	
	non noble metal	tin	7440-31-5	0.005	0.14		1395	
	non noble metal	chromium	7440-47-3	0.006	0.17		1674	
wire	non noble metal	copper	7440-50-8	2.136	55.38	55.80	553761	557946
	noble metal	gold	7440-57-5	0.040	1.04	1.04	10397	10397
encapsulation	organic material	carbon black	1333-86-4	0.006	0.16		1618	
	plastics	epoxy resin	-	0.181	4.69		46912	
	inorganic material	silicondioxide	60676-86-0	1.061	27.50	32.35	275001	323531
leadfinish	non noble metal	tin	7440-31-5	0.111	2.89	2.89	28902	28902
plating	noble metal	silver	7440-22-4	0.104	2.69	2.69	26902	26902
glue	plastics	epoxy resin	-	0.014	0.37		3727	
	noble metal	silver	7440-22-4	0.058	1.49	1.86	14910	18637
*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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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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