



Material Content Data Sheet



Sales Product Name		BGA 713N7 E6327		Issued		25. January 2018		
MA#		MA001163616						
Package		PG-TSNP-7-1		Weight*		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	0.139	3.60	3.60	36042	36042
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	553680	557865
	noble metal	gold	7440-57-5	0.038	0.97	0.97	9727	9727
encapsulation	organic material	carbon black	1333-86-4	0.006	0.16		1605	
	plastics	epoxy resin	-	0.180	4.65		46541	
	inorganic material	silicondioxide	60676-86-0	1.052	27.28	32.09	272828	320974
leadfinish	non noble metal	tin	7440-31-5	0.111	2.89	2.89	28898	28898
plating	noble metal	silver	7440-22-4	0.104	2.69	2.69	26898	26898
glue	plastics	epoxy resin	-	0.015	0.39		3919	
	noble metal	silver	7440-22-4	0.060	1.57	1.96	15677	19596
*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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