



Material Content Data Sheet



Sales Product Name				BGA 824N6 E6327		Issued		1. August 2018	
MA#				MA001111618					
Package				PG-TSNP-6-2		Weight*		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	101581	101581	
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		
encapsulation	non noble metal	copper	7440-50-8	0.353	38.56	38.86	385626	388540	
	organic material	carbon black	1333-86-4	0.002	0.22		2240		
	plastics	epoxy resin	-	0.060	6.50		64954		
leadfinish	inorganic material	silicondioxide	60676-86-0	0.349	38.08	44.80	380764	447958	
	non noble metal	tin	7440-31-5	0.037	4.05	4.05	40548	40548	
plating	noble metal	silver	7440-22-4	0.015	1.62	1.62	16200	16200	
solder	noble metal	silver	7440-22-4	0.000	0.00		41		
	non noble metal	tin	7440-31-5	0.002	0.18	0.18	1776	1817	
ubm	non noble metal	tungsten	7440-33-7	0.000	0.00		7		
	non noble metal	titanium	7440-32-6	0.000	0.00		12		
*deviation	non noble metal	copper	7440-50-8	0.000	0.00	0.00	34	53	
					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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