



Material Content Data Sheet



Sales Product Name		BGA 5M1BN6 E6327		Issued		1. August 2018		
MA#		MA001782176						
Package		PG-TSNP-6-10		Weight*		0.83 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	11.17	11.17	111745	111745
bumps	non noble metal	copper	7440-50-8	0.007	0.82	0.82	8192	8192
leadframe	non noble metal	zinc	7440-66-6	0.001	0.08		758	
	non noble metal	tin	7440-31-5	0.001	0.09		947	
	non noble metal	chromium	7440-47-3	0.001	0.11		1137	
encapsulation	non noble metal	copper	7440-50-8	0.313	37.61	37.89	376105	378947
	organic material	carbon black	1333-86-4	0.001	0.10		954	
	plastics	epoxy resin	-	0.047	5.63		56320	
	inorganic material	silicondioxide	60676-86-0	0.350	42.02	47.75	420009	477283
leadfinish	non noble metal	tin	7440-31-5	0.017	2.07	2.07	20747	20747
ubm	non noble metal	tungsten	7440-33-7	0.000	0.00		10	
	non noble metal	titanium	7440-32-6	0.000	0.00		18	
	non noble metal	copper	7440-50-8	0.000	0.00	0.00	50	78
solder	noble metal	silver	7440-22-4	0.000	0.01		70	
	non noble metal	tin	7440-31-5	0.002	0.29	0.30	2938	3008
*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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