



Material Content Data Sheet



Sales Product Name		BGA 7M1N6 E6327		Issued		4. August 2015		
MA#		MA001115610						
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	10.15	10.15	101529	101529
bumps	non noble metal	copper	7440-50-8	0.003	0.33	0.33	3301	3301
leadframe	non noble metal	tin	7440-31-5	0.001	0.10		971	
	non noble metal	zinc	7440-66-6	0.001	0.08		777	
	non noble metal	chromium	7440-47-3	0.001	0.12		1165	
encapsulation	non noble metal	copper	7440-50-8	0.353	38.55	38.85	385432	388345
	organic material	carbon black	1333-86-4	0.002	0.22		2238	
	plastics	epoxy resin	-	0.060	6.49		64921	
leadfinish	inorganic material	silicondioxide	60676-86-0	0.349	38.06	44.77	380571	447730
	non noble metal	tin	7440-31-5	0.038	4.10	4.10	41034	41034
	plating	noble metal	silver	7440-22-4	0.015	1.62	1.62	16192
ubm	non noble metal	copper	7440-50-8	0.000	0.00		34	
	non noble metal	titanium	7440-32-6	0.000	0.00		12	
	non noble metal	tungsten	7440-33-7	0.000	0.00	0.00	7	53
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	1775	1816
*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 2011/65/EU (RoHS) and does not use any exemption.

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