



Material Content Data Sheet



Sales Product Name		BGSA 141MN10 E6327		Issued		1. August 2018		
MA#		MA001677708						
Package		PG-TSNP-10-3		Weight*		1.66 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	0.352	21.21	21.21	212088	212088
bumps	non noble metal	copper	7440-50-8	0.013	0.80	0.80	8021	8021
leadframe	non noble metal	zinc	7440-66-6	0.001	0.06		562	
	non noble metal	tin	7440-31-5	0.001	0.07		703	
	non noble metal	chromium	7440-47-3	0.001	0.08		843	
encapsulation	non noble metal	copper	7440-50-8	0.463	27.90	28.11	278975	281083
	organic material	carbon black	1333-86-4	0.004	0.22		2242	
	plastics	epoxy resin	-	0.108	6.50		65015	
leadfinish	inorganic material	silicondioxide	60676-86-0	0.633	38.12	44.84	381119	448376
	non noble metal	tin	7440-31-5	0.046	2.78	2.78	27750	27750
plating	non noble metal	silver	7440-22-4	0.030	1.82	1.82	18222	18222
ubm	non noble metal	tungsten	7440-33-7	0.000	0.00		5	
	non noble metal	titanium	7440-32-6	0.000	0.00		11	
solder	non noble metal	copper	7440-50-8	0.000	0.00	0.00	31	47
	noble metal	silver	7440-22-4	0.000	0.01		102	
	non noble metal	tin	7440-31-5	0.007	0.43	0.44	4311	4413
*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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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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