



Material Content Data Sheet



Sales Product Name				BGSA 12GN10 E6327		Issued		7. October 2015	
MA#				MA001357690					
Package				PG-TSNP-10-1		Weight*		1.89 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	18.61	18.61	186148	186148	
bumps	non noble metal	copper	7440-50-8	0.005	0.27	0.27	2666	2666	
leadframe	non noble metal	tin	7440-31-5	0.002	0.09		891		
	non noble metal	zinc	7440-66-6	0.001	0.07		712		
	non noble metal	chromium	7440-47-3	0.002	0.11		1069		
encapsulation	non noble metal	copper	7440-50-8	0.669	35.35	35.62	353526	356198	
	organic material	carbon black	1333-86-4	0.004	0.21		2143		
	plastics	epoxy resin	-	0.118	6.22		62150		
	inorganic material	silicondioxide	60676-86-0	0.689	36.44	42.87	364329	428622	
leadfinish	non noble metal	tin	7440-31-5	0.029	1.54	1.54	15413	15413	
plating	noble metal	silver	7440-22-4	0.017	0.91	0.91	9066	9066	
ubm	non noble metal	copper	7440-50-8	0.001	0.03		273		
	non noble metal	titanium	7440-32-6	0.000	0.01		97		
	non noble metal	tungsten	7440-33-7	0.000	0.00	0.04	50	420	
solder	noble metal	silver	7440-22-4	0.000	0.00		34		
	non noble metal	tin	7440-31-5	0.003	0.14	0.14	1433	1467	
*deviation	< 10%			Sum in total:		100.00		1000000	

Important Remarks:

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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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