



Material Content Data Sheet



Sales Product Name		BGS 14AN16 E6327		Issued		27. September 2017		
MA#		MA001084674						
Package		PG-TSNP-16-6		Weight*		11.31 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	0.447	3.96	3.96	39551	39551
leadframe	non noble metal	tin	7440-31-5	0.010	0.09		888	
	non noble metal	zinc	7440-66-6	0.008	0.07		710	
	non noble metal	chromium	7440-47-3	0.012	0.11		1065	
	non noble metal	copper	7440-50-8	3.986	35.24	35.51	352360	355023
wire	noble metal	gold	7440-57-5	0.091	0.81	0.81	8052	8052
encapsulation	organic material	carbon black	1333-86-4	0.031	0.27		2699	
	plastics	epoxy resin	-	0.885	7.83		78263	
	inorganic material	silicondioxide	60676-86-0	5.190	45.87	53.97	458783	539745
leadfinish	non noble metal	tin	7440-31-5	0.186	1.64	1.64	16422	16422
plating	noble metal	silver	7440-22-4	0.216	1.91	1.91	19139	19139
tape	plastics	epoxy resin	-	0.062	0.55		5517	
	inorganic material	silicondioxide	60676-86-0	0.062	0.55		5517	
	plastics	acrylic resin	-	0.062	0.55		5517	
	plastics	polyester resin	-	0.062	0.55	2.20	5517	22068
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com