



## Material Content Data Sheet



<b>Sales Product Name</b>		BGS 16MN14 E6327		<b>Issued</b>		22. January 2018		
<b>MA#</b>		MA001271298						
<b>Package</b>		PG-TSNP-14-3		<b>Weight*</b>		7.76 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	0.519	6.69	6.69	66909	66909
leadframe	non noble metal	zinc	7440-66-6	0.005	0.06		621	
	non noble metal	tin	7440-31-5	0.006	0.08		777	
	non noble metal	chromium	7440-47-3	0.007	0.09		932	
wire	non noble metal	copper	7440-50-8	2.394	30.84	31.07	308425	310755
	noble metal	gold	7440-57-5	0.091	1.17	1.17	11675	11675
encapsulation	organic material	carbon black	1333-86-4	0.021	0.27		2675	
	plastics	epoxy resin	-	0.602	7.76		77572	
	inorganic material	silicondioxide	60676-86-0	3.530	45.48	53.51	454731	534978
leadfinish	non noble metal	tin	7440-31-5	0.181	2.34	2.34	23380	23380
plating	noble metal	silver	7440-22-4	0.116	1.50	1.50	14971	14971
tape	plastics	epoxy resin	-	0.072	0.93		9333	
	inorganic material	silicondioxide	60676-86-0	0.072	0.93		9333	
	plastics	acrylic resin	-	0.072	0.93		9333	
	plastics	polyester resin	-	0.072	0.93	3.72	9333	37332
*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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