



## Material Content Data Sheet



<b>Sales Product Name</b>		BSL314PE H6327		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA001189500						
<b>Package</b>		PG-TSOP6-6-4		<b>Weight*</b>		14.86 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.006	0.04		424	
	noble metal	gold	7440-57-5	0.024	0.16		1645	
	inorganic material	silicon	7440-21-3	0.373	2.51	2.71	25102	27171
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		95	
	non noble metal	titanium	7440-32-6	0.007	0.05		476	
	non noble metal	chromium	7440-47-3	0.021	0.14		1428	
	non noble metal	copper	7440-50-8	7.048	47.42	47.62	474157	476156
wire	non noble metal	copper	7440-50-8	0.131	0.88	0.88	8798	8798
encapsulation	organic material	carbon black	1333-86-4	0.067	0.45		4515	
	plastics	epoxy resin	-	1.443	9.71		97066	
	inorganic material	silicondioxide	60676-86-0	5.200	34.99	45.15	349887	451468
leadfinish	non noble metal	tin	7440-31-5	0.392	2.64	2.64	26406	26406
plating	noble metal	silver	7440-22-4	0.149	1.00	1.00	10001	10001
*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