



## Material Content Data Sheet



<b>Sales Product Name</b>		BGS 18MA14 E6327		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001814886						
<b>Package</b>		PG-ATSLP-14-10		<b>Weight*</b>		6.52 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	0.255	3.91	3.91	39076	39076
bumps	non noble metal	copper	7440-50-8	0.016	0.24	0.24	2438	2438
encapsulation	organic material	carbon black	1333-86-4	0.025	0.38		3848	
	plastics	epoxy resin	-	0.727	11.16		111581	
	inorganic material	silicondioxide	60676-86-0	4.263	65.41	76.95	654095	769524
leadfinish	noble metal	gold	7440-57-5	0.082	1.25		12537	
	non noble metal	nickel	7440-02-0	0.093	1.43	2.68	14298	26835
substrate	organic material	carbon black	1333-86-4	0.002	0.03		260	
	plastics	epoxy resin	-	0.066	1.01		10145	
	non noble metal	copper	7440-50-8	0.484	7.43		74275	
ubm	inorganic material	silicondioxide	60676-86-0	0.497	7.63	16.10	76307	160987
	non noble metal	tungsten	7440-33-7	0.000	0.00		31	
	non noble metal	titanium	7440-32-6	0.000	0.01		59	
solder	non noble metal	copper	7440-50-8	0.001	0.02	0.03	166	256
	noble metal	silver	7440-22-4	0.000	0.00		16	
	non noble metal	tin	7440-31-5	0.006	0.09	0.09	868	884
*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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