



Material Content Data Sheet



Sales Product Name		BGS 16GA14 E6327		Issued		25. January 2018		
MA#		MA001384850						
Package		PG-ATSLP-14-7		Weight*		6.65 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	0.264	3.97	3.97	39743	39743
bumps	non noble metal	copper	7440-50-8	0.022	0.32	0.32	3241	3241
encapsulation	organic material	carbon black	1333-86-4	0.025	0.38		3762	
	plastics	epoxy resin	-	0.726	10.91		109086	
	inorganic material	silicondioxide	60676-86-0	4.255	63.95	75.24	639471	752319
leadfinish	noble metal	gold	7440-57-5	0.078	1.17		11748	
	non noble metal	nickel	7440-02-0	0.089	1.34	2.51	13398	25146
substrate	organic material	carbon black	1333-86-4	0.002	0.02		249	
	plastics	epoxy resin	-	0.065	0.97		9713	
	inorganic material	silicondioxide	60676-86-0	0.486	7.31		73053	
ubm	non noble metal	copper	7440-50-8	0.507	7.62	15.92	76151	159166
	non noble metal	copper	7440-50-8	0.001	0.02	0.03	221	340
	non noble metal	titanium	7440-32-6	0.001	0.01		78	
	non noble metal	tungsten	7440-33-7	0.000	0.00		41	
solder	noble metal	silver	7440-22-4	0.000	0.00		27	
	non noble metal	tin	7440-31-5	0.008	0.12	0.12	1161	1188
solder resists	inorganic material	silicondioxide	60676-86-0	0.027	0.40		4007	
	inorganic material	bariumsulfate	7727-43-7	0.027	0.41		4054	
	plastics	acrylic resin	-	0.072	1.08	1.89	10796	18857
*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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