



Material Content Data Sheet



Sales Product Name		BGS 17GA14 E6327		Issued		22. July 2019		
MA#		MA004221204						
Package		PG-ATSLP-14-8		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	39738	39738
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		3761	
	plastics	epoxy resin	-	0.726	10.91		109071	
leadfinish	inorganic material	silicondioxide	60676-86-0	4.255	63.94	75.23	639380	752212
	noble metal	gold	7440-57-5	0.078	1.17		11746	
substrate	non noble metal	nickel	7440-02-0	0.089	1.34	2.51	13396	25142
	organic material	carbon black	1333-86-4	0.002	0.02		249	
solder	plastics	epoxy resin	-	0.065	0.97		9703	
	inorganic material	silicondioxide	60676-86-0	0.486	7.30		72982	
ubm	non noble metal	copper	7440-50-8	0.508	7.64	15.93	76364	159298
	noble metal	silver	7440-22-4	0.000	0.00		21	
solder resists	non noble metal	tin	7440-31-5	0.008	0.12	0.12	1154	1175
	non noble metal	tungsten	7440-33-7	0.000	0.00		41	
*deviation	non noble metal	titanium	7440-32-6	0.001	0.01		78	
	non noble metal	copper	7440-50-8	0.001	0.02	0.03	221	340
*deviation	inorganic material	silicondioxide	60676-86-0	0.027	0.40		4006	
	inorganic material	bariumsulfate	7727-43-7	0.027	0.41		4054	
*deviation	plastics	acrylic resin	-	0.072	1.08	1.89	10794	18854
						Sum in total:	100.00	

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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