



Material Content Data Sheet



Sales Product Name		BGS 13GA14 E6327		Issued		24. January 2018		
MA#		MA001362838						
Package		PG-ATSLP-14-4		Weight*		5.34 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	0.218	4.08	4.08	40772	40772
bumps	non noble metal	copper	7440-50-8	0.024	0.45	0.45	4462	4462
encapsulation	organic material	carbon black	1333-86-4	0.019	0.35		3494	
	plastics	epoxy resin	-	0.541	10.13		101330	
leadfinish	inorganic material	silicondioxide	60676-86-0	3.173	59.39	69.87	593998	698822
	noble metal	gold	7440-57-5	0.078	1.47		14693	
substrate	non noble metal	nickel	7440-02-0	0.090	1.68	3.15	16757	31450
	organic material	carbon black	1333-86-4	0.002	0.03		312	
	plastics	epoxy resin	-	0.065	1.22		12167	
	inorganic material	silicondioxide	60676-86-0	0.489	9.15		91514	
ubm	non noble metal	copper	7440-50-8	0.509	9.52	19.92	95207	199200
	non noble metal	copper	7440-50-8	0.001	0.02		152	
	non noble metal	titanium	7440-32-6	0.000	0.01		54	
	non noble metal	tungsten	7440-33-7	0.000	0.00	0.03	28	234
solder	noble metal	silver	7440-22-4	0.000	0.00		38	
	non noble metal	tin	7440-31-5	0.009	0.16	0.16	1599	1637
solder resists	inorganic material	bariumsulfate	7727-43-7	0.027	0.50		5036	
	inorganic material	silicondioxide	60676-86-0	0.027	0.50		4977	
	plastics	acrylic resin	-	0.072	1.34	2.34	13410	23423
*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