



Material Content Data Sheet



Sales Product Name				BGS 14MA11 E6327		Issued		20. July 2018	
MA#				MA001820028					
Package				PG-ATSLP-11-2		Weight*		2.36 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	0.163	6.92	6.92	69200	69200	
bumps	non noble metal	copper	7440-50-8	0.012	0.53	0.53	5302	5302	
encapsulation	organic material	carbon black	1333-86-4	0.008	0.33		3340		
	plastics	epoxy resin	-	0.228	9.69		96864		
	inorganic material	silicondioxide	60676-86-0	1.337	56.80	66.82	567823	668027	
leadfinish	noble metal	gold	7440-57-5	0.027	1.16		11632		
	non noble metal	nickel	7440-02-0	0.031	1.33	2.49	13266	24898	
substrate	organic material	carbon black	1333-86-4	0.001	0.03		329		
	plastics	epoxy resin	-	0.030	1.28		12816		
	non noble metal	copper	7440-50-8	0.217	9.23		92349		
ubm	inorganic material	silicondioxide	60676-86-0	0.227	9.64	20.18	96392	201886	
	non noble metal	tungsten	7440-33-7	0.000	0.01		134		
	non noble metal	titanium	7440-32-6	0.001	0.03		256		
solder	non noble metal	copper	7440-50-8	0.002	0.07	0.11	724	1114	
	noble metal	silver	7440-22-4	0.000	0.00		35		
	non noble metal	tin	7440-31-5	0.004	0.19	0.19	1889	1924	
solder resists	inorganic material	silicondioxide	60676-86-0	0.014	0.59		5875		
	inorganic material	bariumsulfate	7727-43-7	0.014	0.59		5945		
	plastics	acrylic resin	-	0.037	1.58	2.76	15829	27649	
*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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