

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGS 18MA14 E6327	**Issued**	27. April 2022
MA#	MA005716399		
Package	PG-ATSLP-14-10	**Weight***	6.49 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	3.92	3.92	39227	39227
bumps	non noble metal	copper	7440-50-8	0.016	0.24	0.24	2447	2447
encapsulation	organic material	carbon black	1333-86-4	0.030	0.46		4612	
	plastics	epoxy resin	-	0.674	10.38		103765	
	inorganic material	silicondioxide	60676-86-0	4.287	66.01	76.85	660256	768633
leadfinish	noble metal	gold	7440-57-5	0.082	1.26		12585	
	non noble metal	nickel	7440-02-0	0.093	1.44	2.70	14353	26938
substrate	organic material	carbon black	1333-86-4	0.002	0.03		261	
	plastics	epoxy resin	-	0.066	1.02		10185	
	non noble metal	copper	7440-50-8	0.484	7.46		74562	
	inorganic material	silicondioxide	60676-86-0	0.497	7.66	16.17	76602	161610
solder	noble metal	silver	7440-22-4	0.000			16	
	non noble metal	tin	7440-31-5	0.006	0.09	0.09	872	888
ubm	non noble metal	tungsten	7440-33-7	0.000			31	
	non noble metal	titanium	7440-32-6	0.000	0.01		59	
	non noble metal	copper	7440-50-8	0.001	0.02	0.03	167	257
*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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