

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGS 18MA14 E6327	**Issued**	09. September 2021
MA#	MA005285826		
Package	PG-ATSLP-14-10	**Weight***	6.52 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	3.91	3.91	39076	39076
bumps	non noble metal	copper	7440-50-8	0.016	0.24	0.24	2438	2438
encapsulation	organic material	carbon black	1333-86-4	0.025	0.38		3848	
	inorganic material	zink oxide	1314-13-2	0.050	0.77		7695	
	miscellaneous	miscellaneous	-	0.075	1.15		11543	
	plastics	epoxy resin	-	0.552	8.46		84648	
	inorganic material	silicondioxide	60676-86-0	4.314	66.19	76.95	661790	769524
leadfinish	noble metal	gold	7440-57-5	0.082	1.25		12537	
	non noble metal	nickel	7440-02-0	0.093	1.43	2.68	14298	26835
solder	noble metal	silver	7440-22-4	0.000			16	
	non noble metal	tin	7440-31-5	0.006	0.09	0.09	868	884
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	166	256
substrate metal	non noble metal	copper	7440-50-8	0.484	7.43	7.43	74275	74275
substrate plastic	organic material	carbon black	1333-86-4	0.002	0.03		260	
	plastics	epoxy resin	-	0.066	1.01		10145	
	inorganic material	silicondioxide	60676-86-0	0.497	7.63	8.67	76307	86712
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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