



Material Content Data Sheet



Sales Product Name				BGS 15GA14 E6327		Issued		20. July 2018	
MA#				MA001362842					
Package				PG-ATSLP-14-6		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	40780	40780	
bumps	non noble metal	copper	7440-50-8	0.024	0.45	0.45	4463	4463	
encapsulation	organic material	carbon black	1333-86-4	0.019	0.35		3495		
	plastics	epoxy resin	-	0.541	10.14		101351		
	inorganic material	silicondioxide	60676-86-0	3.173	59.40	69.89	594129	698975	
leadfinish	noble metal	gold	7440-57-5	0.078	1.47		14696		
	non noble metal	nickel	7440-02-0	0.090	1.68	3.15	16761	31457	
substrate	organic material	carbon black	1333-86-4	0.002	0.03		312		
	plastics	epoxy resin	-	0.065	1.21		12147		
	inorganic material	silicondioxide	60676-86-0	0.488	9.14		91366		
ubm	non noble metal	copper	7440-50-8	0.510	9.55	19.93	95490	199315	
	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	silicondioxide	60676-86-0	0.026	0.49		4917		
	inorganic material	bariumsulfate	7727-43-7	0.027	0.50		4975		
	plastics	acrylic resin	-	0.071	1.32	2.31	13247	23139	
*deviation	< 10%			Sum in total:		100.00		1000000	

Important Remarks:

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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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