



## Material Content Data Sheet



<b>Sales Product Name</b>		BGS 17GA14 E6327		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001379962						
<b>Package</b>		PG-ATSLP-14-8		<b>Weight*</b>		6.66 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	0.264	3.97	3.97	39737	39737
bumps	non noble metal	copper	7440-50-8	0.022	0.32	0.32	3241	3241
encapsulation	organic material	carbon black	1333-86-4	0.025	0.38		3761	
	plastics	epoxy resin	-	0.726	10.91		109069	
	inorganic material	silicondioxide	60676-86-0	4.255	63.94	75.23	639371	752201
leadfinish	noble metal	gold	7440-57-5	0.078	1.17		11746	
	non noble metal	nickel	7440-02-0	0.089	1.34	2.51	13396	25142
substrate	organic material	carbon black	1333-86-4	0.002	0.02		249	
	plastics	epoxy resin	-	0.065	0.97		9703	
	inorganic material	silicondioxide	60676-86-0	0.486	7.30		72981	
ubm	non noble metal	copper	7440-50-8	0.508	7.64	15.93	76364	159297
	non noble metal	copper	7440-50-8	0.001	0.02	0.03	221	340
	non noble metal	titanium	7440-32-6	0.001	0.01		78	
	non noble metal	tungsten	7440-33-7	0.000	0.00		41	
solder	noble metal	silver	7440-22-4	0.000	0.00		27	
	non noble metal	tin	7440-31-5	0.008	0.12	0.12	1161	1188
solder resists	inorganic material	silicondioxide	60676-86-0	0.027	0.40		4006	
	inorganic material	bariumsulfate	7727-43-7	0.027	0.41		4054	
	plastics	acrylic resin	-	0.072	1.08	1.89	10794	18854
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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