



## Material Content Data Sheet



<b>Sales Product Name</b>		BGC 100GN6 E6327		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA001641026						
<b>Package</b>		PG-TSNP-6-2		<b>Weight*</b>		0.92 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	0.139	15.11	15.11	151116	151116
bumps	non noble metal	copper	7440-50-8	0.003	0.33	0.33	3279	3279
leadframe	non noble metal	tin	7440-31-5	0.001	0.10		964	
	non noble metal	zinc	7440-66-6	0.001	0.08		772	
	non noble metal	chromium	7440-47-3	0.001	0.12		1157	
encapsulation	non noble metal	copper	7440-50-8	0.353	38.28	38.58	382882	385775
	organic material	carbon black	1333-86-4	0.002	0.20		2008	
	plastics	epoxy resin	-	0.054	5.82		58236	
	inorganic material	silicondioxide	60676-86-0	0.315	34.14	40.16	341386	401630
leadfinish	non noble metal	tin	7440-31-5	0.037	4.03	4.03	40259	40259
plating	noble metal	silver	7440-22-4	0.015	1.61	1.61	16084	16084
ubm	non noble metal	copper	7440-50-8	0.000	0.00	0.00	34	53
	non noble metal	titanium	7440-32-6	0.000	0.00		12	
	non noble metal	tungsten	7440-33-7	0.000	0.00		7	
solder	noble metal	silver	7440-22-4	0.000	0.00		41	
	non noble metal	tin	7440-31-5	0.002	0.18	0.18	1763	1804
*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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