



## Material Content Data Sheet



<b>Sales Product Name</b>		BGSA 14GN10 E6327		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001344978						
<b>Package</b>		PG-TSNP-10-1		<b>Weight*</b>		1.89 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	0.352	18.60	18.60	186049	186049
bumps	non noble metal	copper	7440-50-8	0.005	0.27	0.27	2665	2665
leadframe	non noble metal	tin	7440-31-5	0.002	0.09		890	
	non noble metal	zinc	7440-66-6	0.001	0.07		712	
	non noble metal	chromium	7440-47-3	0.002	0.11		1068	
encapsulation	non noble metal	copper	7440-50-8	0.669	35.33	35.60	353337	356007
	organic material	carbon black	1333-86-4	0.004	0.21		2141	
	plastics	epoxy resin	-	0.118	6.21		62088	
leadfinish	inorganic material	silicondioxide	60676-86-0	0.689	36.40	42.82	363966	428195
	non noble metal	tin	7440-31-5	0.029	1.54	1.54	15404	15404
plating	non noble metal	silver	7440-22-4	0.017	0.91	0.91	9061	9061
ubm	non noble metal	copper	7440-50-8	0.001	0.03		273	
	non noble metal	titanium	7440-32-6	0.000	0.01		97	
solder	non noble metal	tungsten	7440-33-7	0.000	0.00	0.04	50	420
	noble metal	silver	7440-22-4	0.000	0.01		51	
	non noble metal	tin	7440-31-5	0.004	0.21	0.22	2148	2199
*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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