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## Material Content Data Sheet



<b>Sales Product Name</b>		BGA 777N7 E6327		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA001067776						
<b>Package</b>		PG-TSNP-7-1		<b>Weight*</b>		3.86 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	0.147	3.81	3.81	38133	38133
leadframe	non noble metal	zinc	7440-66-6	0.004	0.11		1115	
	non noble metal	tin	7440-31-5	0.005	0.14		1394	
	non noble metal	chromium	7440-47-3	0.006	0.17		1672	
wire	non noble metal	copper	7440-50-8	2.136	55.32	55.74	553260	557441
	noble metal	gold	7440-57-5	0.038	0.97	0.97	9747	9747
encapsulation	organic material	carbon black	1333-86-4	0.006	0.16		1592	
	plastics	epoxy resin	-	0.178	4.62		46158	
	inorganic material	silicondioxide	60676-86-0	1.045	27.06	31.84	270584	318334
leadfinish	non noble metal	tin	7440-31-5	0.111	2.89	2.89	28876	28876
plating	noble metal	silver	7440-22-4	0.104	2.69	2.69	26878	26878
glue	plastics	epoxy resin	-	0.016	0.41		4118	
	noble metal	silver	7440-22-4	0.064	1.65	2.06	16473	20591
*deviation	< 10%				Sum in total:	100.00		1000000

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