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## Material Content Data Sheet



<b>Sales Product Name</b>		TDA7100		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA000872056						
<b>Package</b>		PG-TSSOP-10-3		<b>Weight*</b>		23.02 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	0.989	4.30	4.30	42951	42951
leadframe	inorganic material	silicon	7440-21-3	0.002	0.01		77	
	non noble metal	titanium	7440-32-6	0.009	0.04		385	
	non noble metal	chromium	7440-47-3	0.027	0.12		1155	
	non noble metal	copper	7440-50-8	8.828	38.35	38.52	383465	385082
wire	noble metal	gold	7440-57-5	0.100	0.44	0.44	4355	4355
encapsulation	organic material	carbon black	1333-86-4	0.091	0.39		3939	
	plastics	brominated resin	-	0.113	0.49		4923	
	inorganic material	antimonytrioxide	1309-64-4	0.227	0.98		9846	
	plastics	epoxy resin	-	2.063	8.96		89601	
	inorganic material	silicondioxide	60676-86-0	8.841	38.40	49.22	384003	492312
leadfinish	non noble metal	tin	7440-31-5	0.505	2.19	2.19	21948	21948
plating	noble metal	silver	7440-22-4	0.836	3.63	3.63	36292	36292
glue	plastics	epoxy resin	-	0.079	0.34		3412	
	noble metal	silver	7440-22-4	0.314	1.36	1.70	13648	17060
*deviation	< 10%				Sum in total:		100.00	1000000

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