



## Material Content Data Sheet



Sales Product Name	TDA5103A			Issued		4. November 2019		
MA#	MA005405358							
Package	PG-TSSOP-10-3			Weight*		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	42965	42965
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		1156	
	non noble metal	copper	7440-50-8	8.828	38.36	38.53	383589	385207
wire	noble metal	gold	7440-57-5	0.092	0.40	0.40	3998	3998
encapsulation	organic material	carbon black	1333-86-4	0.091	0.39		3940	
	plastics	brominated resin	-	0.113	0.49		4925	
	inorganic material	antimonytrioxide	1309-64-4	0.227	0.98		9850	
	plastics	epoxy resin	-	2.063	8.96		89636	
	inorganic material	silicondioxide	60676-86-0	8.841	38.41	49.23	384155	492506
leadfinish	non noble metal	tin	7440-31-5	0.505	2.20	2.20	21955	21955
plating	noble metal	silver	7440-22-4	0.836	3.63	3.63	36303	36303
glue	plastics	epoxy resin	-	0.079	0.34		3413	
	noble metal	silver	7440-22-4	0.314	1.37	1.71	13653	17066
*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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