

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TDA5235	**Issued**	25. November 2019
MA#	MA001477514		
Package	PG-TSSOP-28-17	**Weight***	108.48 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	4.057	3.74	3.74	37401	37401
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		96	
	non noble metal	zinc	7440-66-6	0.042	0.04		386	
	non noble metal	iron	7439-89-6	0.837	0.77		7713	
	non noble metal	copper	7440-50-8	33.975	31.32	32.14	313177	321372
wire	noble metal	gold	7440-57-5	0.264	0.24	0.24	2430	2430
encapsulation	organic material	carbon black	1333-86-4	0.192	0.18		1771	
	plastics	epoxy resin	-	7.491	6.91		69055	
	inorganic material	silicondioxide	60676-86-0	56.345	51.94	59.03	519387	590213
leadfinish	noble metal	palladium	7440-05-3	0.026	0.02		237	
	noble metal	gold	7440-57-5	0.041	0.04		380	
	non noble metal	nickel	7440-02-0	0.903	0.83	0.89	8325	8942
plating	noble metal	palladium	7440-05-3	0.077	0.07		712	
	noble metal	gold	7440-57-5	0.124	0.11		1144	
	non noble metal	nickel	7440-02-0	2.719	2.51	2.69	25061	26917
glue	plastics	epoxy resin	-	0.345	0.32		3181	
	noble metal	silver	7440-22-4	1.035	0.95	1.27	9544	12725
*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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