

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TDA4863-2G	**Issued**	23. January 2020
MA#	MA001039042		
Package	PG-DSO-8-41	**Weight***	81.23 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	3.391	4.17	4.17	41743	41743
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		104	
	non noble metal	zinc	7440-66-6	0.034	0.04		414	
	non noble metal	iron	7439-89-6	0.673	0.83		8286	
	non noble metal	copper	7440-50-8	27.330	33.64	34.52	336449	345253
wire	noble metal	gold	7440-57-5	0.091	0.11	0.11	1126	1126
encapsulation	organic material	carbon black	1333-86-4	0.142	0.17		1742	
	plastics	epoxy resin	-	4.575	5.63		56326	
	inorganic material	silicondioxide	60676-86-0	42.453	52.28	58.08	522614	580682
leadfinish	non noble metal	tin	7440-31-5	0.814	1.00	1.00	10019	10019
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1103	1103
glue	plastics	acrylic resin	-	0.326	0.40		4015	
	noble metal	silver	7440-22-4	1.305	1.61	2.01	16059	20074
*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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