

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TDA4862G GEG	**Issued**	18. August 2021
MA#	MA000710124		
Package	PG-DSO-8-41	**Weight***	81.12 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	2.859	3.52	3.52	35247	35247
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		104	
	non noble metal	zinc	7440-66-6	0.034	0.04		415	
	non noble metal	iron	7439-89-6	0.673	0.83		8298	
	non noble metal	copper	7440-50-8	27.330	33.69	34.57	336931	345748
wire	noble metal	gold	7440-57-5	0.107	0.13	0.13	1321	1321
encapsulation	organic material	carbon black	1333-86-4	0.143	0.18		1764	
	plastics	epoxy resin	-	4.627	5.70		57047	
	inorganic material	silicondioxide	60676-86-0	42.934	52.95	58.83	529300	588111
leadfinish	non noble metal	tin	7440-31-5	0.814	1.00	1.00	10033	10033
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1104	1104
glue	plastics	acrylic resin	-	0.299	0.37		3687	
	noble metal	silver	7440-22-4	1.196	1.47	1.84	14749	18436
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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