



Material Content Data Sheet



Halogen-Free

Sales Product Name	TDA5211	Issued	10. May 2021
MA#	MA001470996		
Package	PG-TSSOP-28-17	Weight*	108.17 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	2.457	2.27	2.27	22716	22716
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		97	
	non noble metal	zinc	7440-66-6	0.042	0.04		387	
	non noble metal	iron	7439-89-6	0.837	0.77		7735	
	non noble metal	copper	7440-50-8	33.975	31.41	32.23	314077	322296
wire	noble metal	gold	7440-57-5	0.351	0.32	0.32	3245	3245
encapsulation	organic material	carbon black	1333-86-4	0.197	0.18		1819	
	plastics	epoxy resin	-	7.672	7.09		70925	
	inorganic material	silicondioxide	60676-86-0	57.705	53.37	60.64	533452	606196
leadfinish	noble metal	palladium	7440-05-3	0.026	0.02		237	
	noble metal	gold	7440-57-5	0.041	0.04		381	
	non noble metal	nickel	7440-02-0	0.903	0.83	0.89	8349	8967
plating	noble metal	palladium	7440-05-3	0.077	0.07		714	
	noble metal	gold	7440-57-5	0.124	0.11		1148	
	non noble metal	nickel	7440-02-0	2.719	2.51	2.69	25133	26995
glue	plastics	epoxy resin	-	0.259	0.24		2396	
	noble metal	silver	7440-22-4	0.778	0.72	0.96	7189	9585
*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.
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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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