



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	TDA5201	<b>Issued</b>	10. May 2021
<b>MA#</b>	MA001587408		
<b>Package</b>	PG-TSSOP-28-17	<b>Weight*</b>	108.10 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	2.077	1.92	1.92	19212	19212
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		7741	
	non noble metal	copper	7440-50-8	33.975	31.43	32.25	314298	322523
wire	noble metal	gold	7440-57-5	0.368	0.34	0.34	3409	3409
encapsulation	organic material	carbon black	1333-86-4	0.198	0.18		1830	
	plastics	epoxy resin	-	7.715	7.14		71372	
	inorganic material	silicondioxide	60676-86-0	58.028	53.69	61.01	536817	610019
leadfinish	noble metal	palladium	7440-05-3	0.026	0.02		237	
	noble metal	gold	7440-57-5	0.041	0.04		382	
	non noble metal	nickel	7440-02-0	0.903	0.84	0.90	8355	8974
plating	noble metal	palladium	7440-05-3	0.077	0.07		715	
	noble metal	gold	7440-57-5	0.124	0.11		1149	
	non noble metal	nickel	7440-02-0	2.719	2.52	2.70	25151	27015
glue	plastics	epoxy resin	-	0.239	0.22		2212	
	noble metal	silver	7440-22-4	0.717	0.66	0.88	6636	8848
*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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