



Material Content Data Sheet



Halogen-Free

Sales Product Name	TDA5200	Issued	10. May 2021
MA#	MA001587410		
Package	PG-TSSOP-28-17	Weight*	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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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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