



## Material Content Data Sheet



<b>Sales Product Name</b>		TDA5201		<b>Issued</b>		25. January 2018		
<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	
wire	non noble metal	copper	7440-50-8	33.975	31.43	32.25	314298	322523
	noble metal	gold	7440-57-5	0.368	0.34	0.34	3409	3409
	organic material	carbon black	1333-86-4	0.198	0.18		1830	
encapsulation	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	gold	7440-57-5	0.041	0.04		382	
	noble metal	palladium	7440-05-3	0.026	0.02		237	
	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:

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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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com