



Material Content Data Sheet



Sales Product Name		TDA5235		Issued		27. September 2017		
MA#		MA001477514						
Package		PG-TSSOP-28-17		Weight*		108.48 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	4.057	3.74	3.74	37401	37401
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		96	
	non noble metal	zinc	7440-66-6	0.042	0.04		386	
	non noble metal	iron	7439-89-6	0.837	0.77		7713	
wire	non noble metal	copper	7440-50-8	33.975	31.32	32.14	313177	321372
	noble metal	gold	7440-57-5	0.264	0.24	0.24	2430	2430
	encapsulation	organic material	carbon black	1333-86-4	0.192	0.18		1771
leadfinish	plastics	epoxy resin	-	7.491	6.91		69055	
	inorganic material	silicondioxide	60676-86-0	56.345	51.94	59.03	519387	590213
	noble metal	gold	7440-57-5	0.041	0.04		380	
plating	noble metal	palladium	7440-05-3	0.026	0.02		237	
	non noble metal	nickel	7440-02-0	0.903	0.83	0.89	8325	8942
	noble metal	palladium	7440-05-3	0.077	0.07		712	
glue	noble metal	gold	7440-57-5	0.124	0.11		1144	
	non noble metal	nickel	7440-02-0	2.719	2.51	2.69	25061	26917
	plastics	epoxy resin	-	0.345	0.32		3181	
*deviation	< 10%	silver	7440-22-4	1.035	0.95	1.27	9544	12725
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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