



Material Content Data Sheet



Sales Product Name		6ED003L02-F2		Issued		9. January 2019		
MA#		MA004656882						
Package		PG-TSSOP-28-17		Weight*		108.29 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	3.034	2.80	2.80	28023	28023
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		97	
	non noble metal	zinc	7440-66-6	0.042	0.04		386	
	non noble metal	iron	7439-89-6	0.837	0.77		7727	
wire	non noble metal	copper	7440-50-8	33.975	31.37	32.19	313747	321957
	noble metal	gold	7440-57-5	0.318	0.29	0.29	2933	2933
	encapsulation	organic material	carbon black	1333-86-4	0.195	0.18		1801
	plastics	epoxy resin	-	7.607	7.02		70245	
	inorganic material	silicondioxide	60676-86-0	57.212	52.86	60.06	528337	600383
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	8340	8958
plating	noble metal	palladium	7440-05-3	0.077	0.07		713	
	noble metal	gold	7440-57-5	0.124	0.11		1147	
	non noble metal	nickel	7440-02-0	2.719	2.51	2.69	25107	26967
glue	plastics	epoxy resin	-	0.292	0.27		2695	
	noble metal	silver	7440-22-4	0.875	0.81	1.08	8084	10779
*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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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