



Material Content Data Sheet



Sales Product Name	TLD5095EL			Issued	25. September 2017			
MA#	MA000982354							
Package	PG-SSOP-14-3			Weight*	83.07 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	2.030	2.44	2.44	24437	24437
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		104	
	non noble metal	zinc	7440-66-6	0.034	0.04		415	
	non noble metal	iron	7439-89-6	0.689	0.83		8295	
wire	non noble metal	copper	7440-50-8	27.978	33.68	34.56	336808	345622
	noble metal	gold	7440-57-5	0.209	0.25	0.25	2514	2514
	encapsulation	organic material	carbon black	1333-86-4	0.099	0.12		1196
encapsulation	plastics	epoxy resin	-	4.570	5.50		55010	
	inorganic material	silicondioxide	60676-86-0	45.000	54.18	59.80	541729	597935
leadfinish	non noble metal	tin	7440-31-5	0.976	1.18	1.18	11751	11751
plating	noble metal	silver	7440-22-4	0.768	0.92	0.92	9241	9241
glue	plastics	epoxy resin	-	0.177	0.21		2125	
	noble metal	silver	7440-22-4	0.530	0.64	0.85	6375	8500
*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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