



## Material Content Data Sheet



<b>Sales Product Name</b>		TLF50281EL		<b>Issued</b>		24. January 2018			
<b>MA#</b>		MA001833538							
<b>Package</b>		PG-SSOP-14-3		<b>Weight*</b>		83.02 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	1.797	2.17	2.17	21651	21651	
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		8300	
wire	noble metal	non noble metal	copper	7440-50-8	27.978	33.70	34.58	337002	345821
		noble metal	gold	7440-57-5	0.213	0.26	0.26	2560	2560
		organic material	carbon black	1333-86-4	0.100	0.12		1202	
encapsulation	plastics	epoxy resin	-	4.591	5.53		55299		
		inorganic material	silicondioxide	60676-86-0	45.210	54.45	60.10	544576	601077
leadfinish	non noble metal	tin	7440-31-5	0.976	1.18	1.18	11758	11758	
plating	noble metal	silver	7440-22-4	0.768	0.92	0.92	9246	9246	
glue	plastics	epoxy resin	-	0.164	0.20		1972		
		noble metal	silver	7440-22-4	0.491	0.59	0.79	5915	7887
*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.
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

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