



## Material Content Data Sheet



<b>Sales Product Name</b>		TLF4277-2EL		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA001253908						
<b>Package</b>		PG-SSOP-14-5		<b>Weight*</b>		82.77 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	1.471	1.78	1.78	17772	17772
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		104	
	non noble metal	zinc	7440-66-6	0.034	0.04		416	
	non noble metal	iron	7439-89-6	0.689	0.83		8325	
wire	non noble metal	copper	7440-50-8	27.978	33.80	34.68	338030	346875
	non noble metal	copper	7440-50-8	0.057	0.07	0.07	693	693
	encapsulation	organic material	carbon black	1333-86-4	0.101	0.12		1215
encapsulation	plastics	epoxy resin	-	4.626	5.59		55892	
	inorganic material	silicondioxide	60676-86-0	45.556	55.04	60.75	550414	607521
leadfinish	non noble metal	tin	7440-31-5	0.976	1.18	1.18	11794	11794
plating	noble metal	silver	7440-22-4	0.768	0.93	0.93	9274	9274
glue	plastics	epoxy resin	-	0.126	0.15		1518	
	noble metal	silver	7440-22-4	0.377	0.46	0.61	4553	6071
*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