



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4997A8D		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001314876						
<b>Package</b>		PG-TDSO-8-2		<b>Weight*</b>		67.77 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	2.422	3.57	3.57	35739	35739
leadframe	non noble metal	zinc	7440-66-6	0.064	0.10		950	
	non noble metal	tin	7440-31-5	0.080	0.12		1187	
	non noble metal	chromium	7440-47-3	0.097	0.14		1425	
wire	non noble metal	copper	7440-50-8	31.938	47.13	47.49	471289	474851
	noble metal	gold	7440-57-5	0.091	0.13	0.13	1343	1343
encapsulation	organic material	carbon black	1333-86-4	0.061	0.09		906	
	plastics	epoxy resin	-	3.317	4.89		48948	
	inorganic material	silicondioxide	60676-86-0	27.336	40.34	45.32	403369	453223
leadfinish	non noble metal	tin	7440-31-5	0.497	0.73	0.73	7337	7337
plating	noble metal	silver	7440-22-4	0.953	1.41	1.41	14056	14056
glue	plastics	acrylic resin	-	0.228	0.34		3363	
	plastics	epoxy resin	-	0.228	0.34		3363	
	inorganic material	silicondioxide	60676-86-0	0.456	0.67	1.35	6725	13451
*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