



## Material Content Data Sheet



<b>Sales Product Name</b>	TLE4254GA			<b>Issued</b>	27. September 2017			
<b>MA#</b>	MA000970058							
<b>Package</b>	PG-DSO-8-10			<b>Weight*</b>	81.91 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	1.802	2.20	2.20	21999	21999
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		113	
	non noble metal	zinc	7440-66-6	0.037	0.05		453	
	non noble metal	iron	7439-89-6	0.742	0.91		9054	
wire	non noble metal	copper	7440-50-8	30.114	36.76	37.73	367629	377249
	noble metal	gold	7440-57-5	0.142	0.17	0.17	1731	1731
	encapsulation	organic material	carbon black	1333-86-4	0.096	0.12		1170
plating	plastics	epoxy resin	-	5.173	6.32		63154	
	inorganic material	silicondioxide	60676-86-0	42.631	52.04	58.48	520435	584759
	noble metal	silver	7440-22-4	0.001	0.00		14	
glue	noble metal	palladium	7440-05-3	0.001	0.00		16	
	noble metal	gold	7440-57-5	0.002	0.00		25	
	non noble metal	nickel	7440-02-0	0.038	0.05	0.05	462	517
*deviation	plastics	acrylic resin	-	0.248	0.30		3024	
	noble metal	silver	7440-22-4	0.878	1.07	1.37	10721	13745
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