



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4279G		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001593778						
<b>Package</b>		PG-DSO-8-62		<b>Weight*</b>		81.40 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	1.656	2.03	2.03	20347	20347
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		106	
	non noble metal	zinc	7440-66-6	0.035	0.04		425	
	non noble metal	iron	7439-89-6	0.692	0.85		8508	
wire	non noble metal	copper	7440-50-8	28.118	34.54	35.44	345440	354479
	noble metal	palladium	7440-05-3	0.001	0.00		11	
	non noble metal	copper	7440-50-8	0.092	0.11	0.11	1133	1144
encapsulation	organic material	carbon black	1333-86-4	0.145	0.18		1779	
	plastics	epoxy resin	-	5.649	6.94		69398	
	inorganic material	silicondioxide	60676-86-0	42.487	52.20	59.32	521971	593148
leadfinish	noble metal	palladium	7440-05-3	0.014	0.02		167	
	noble metal	gold	7440-57-5	0.022	0.03		268	
	non noble metal	nickel	7440-02-0	0.477	0.59	0.64	5866	6301
plating	noble metal	palladium	7440-05-3	0.036	0.04		440	
	noble metal	gold	7440-57-5	0.058	0.07		708	
	non noble metal	nickel	7440-02-0	1.261	1.55	1.66	15498	16646
glue	plastics	epoxy resin	-	0.161	0.20		1984	
	noble metal	silver	7440-22-4	0.484	0.60	0.80	5951	7935
*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