



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4268GS		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA000969908						
<b>Package</b>		PG-DSO-8-16		<b>Weight*</b>		83.48 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	2.950	3.53	3.53	35340	35340
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		107	
	non noble metal	zinc	7440-66-6	0.036	0.04		430	
	non noble metal	iron	7439-89-6	0.717	0.86		8592	
wire	non noble metal	copper	7440-50-8	29.121	34.89	35.80	348857	357986
	noble metal	gold	7440-57-5	0.207	0.25	0.25	2476	2476
encapsulation	organic material	carbon black	1333-86-4	0.095	0.11		1139	
	plastics	epoxy resin	-	4.374	5.24		52393	
	inorganic material	silicondioxide	60676-86-0	43.070	51.60	56.95	515955	569487
leadfinish	non noble metal	tin	7440-31-5	0.814	0.97	0.97	9749	9749
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7790	7790
glue	plastics	acrylic resin	-	0.315	0.38		3778	
	noble metal	silver	7440-22-4	1.118	1.34	1.72	13394	17172
*deviation	< 10%					Sum in total:	100.00	1000000

### Important Remarks:

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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