



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE6711GL		<b>Issued</b>		22. January 2018		
<b>MA#</b>		MA000950474						
<b>Package</b>		PG-DSO-20-66		<b>Weight*</b>		486.80 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	5.583	1.15	1.15	11468	11468
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		80	
	non noble metal	zinc	7440-66-6	0.155	0.03		319	
	non noble metal	iron	7439-89-6	3.104	0.64		6377	
wire	non noble metal	copper	7440-50-8	126.041	25.89	26.57	258919	265695
	non noble metal	copper	7440-50-8	0.250	0.05	0.05	514	514
	encapsulation	organic material	carbon black	1333-86-4	0.690	0.14		1417
encapsulation	plastics	epoxy resin	-	31.737	6.52		65196	
	inorganic material	silicondioxide	60676-86-0	312.545	64.21	70.87	642041	708654
leadfinish	non noble metal	tin	7440-31-5	2.746	0.56	0.56	5641	5641
plating	noble metal	silver	7440-22-4	1.621	0.33	0.33	3331	3331
glue	plastics	epoxy resin	-	0.572	0.12		1174	
	noble metal	silver	7440-22-4	1.715	0.35	0.47	3523	4697
*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