



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4286G		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA000042711						
<b>Package</b>		PG-SCT595-5-1		<b>Weight*</b>		13.88 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	0.267	1.92	1.92	19209	19209
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		87	
	non noble metal	titanium	7440-32-6	0.006	0.04		435	
	non noble metal	chromium	7440-47-3	0.018	0.13		1306	
	non noble metal	copper	7440-50-8	6.019	43.34	43.52	433556	435384
wire	noble metal	gold	7440-57-5	0.028	0.20	0.20	2027	2027
encapsulation	organic material	carbon black	1333-86-4	0.055	0.40		3980	
	plastics	brominated resin	-	0.069	0.50		4975	
	inorganic material	antimonytrioxide	1309-64-4	0.138	1.00		9950	
	plastics	epoxy resin	-	1.257	9.05		90546	
	inorganic material	silicondioxide	60676-86-0	5.387	38.81	49.76	388056	497507
leadfinish	non noble metal	tin	7440-31-5	0.340	2.45	2.45	24463	24463
plating	noble metal	silver	7440-22-4	0.142	1.02	1.02	10193	10193
glue	plastics	epoxy resin	-	0.027	0.20		1963	
	noble metal	silver	7440-22-4	0.128	0.93	1.13	9254	11217
*deviation	< 10%					Sum in total:	100.00	1000000

### Important Remarks:

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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