



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4285G		<b>Issued</b>		24. November 2015		
<b>MA#</b>		MA000044883						
<b>Package</b>		PG-SCT595-5-1		<b>Weight*</b>		13.89 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	0.294	2.11	2.11	21136	21136
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		1305	
	non noble metal	copper	7440-50-8	6.019	43.34	43.52	433322	435149
wire	noble metal	gold	7440-57-5	0.025	0.18	0.18	1817	1817
encapsulation	organic material	carbon black	1333-86-4	0.055	0.40		3962	
	plastics	brominated resin	-	0.069	0.50		4953	
	inorganic material	antimonytrioxide	1309-64-4	0.138	0.99		9906	
	plastics	epoxy resin	-	1.252	9.01		90144	
	inorganic material	silicondioxide	60676-86-0	5.366	38.63	49.53	386330	495295
leadfinish	non noble metal	tin	7440-31-5	0.340	2.44	2.44	24450	24450
plating	noble metal	silver	7440-22-4	0.142	1.02	1.02	10187	10187
glue	plastics	epoxy resin	-	0.029	0.21		2094	
	noble metal	silver	7440-22-4	0.137	0.99	1.20	9872	11966
*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 2011/65/EU (RoHS) and does not use any exemption.

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com