



Material Content Data Sheet



Sales Product Name	TLE4286G	Issued	13. May 2021
MA#	MA002361512		
Package	PG-SCT595-5-2	Weight*	13.90 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	19180	19180
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		87	
	non noble metal	titanium	7440-32-6	0.006	0.04		437	
	non noble metal	chromium	7440-47-3	0.018	0.13		1310	
	non noble metal	copper	7440-50-8	6.045	43.48	43.66	434795	436629
wire	noble metal	gold	7440-57-5	0.028	0.20	0.20	1983	1983
encapsulation	organic material	carbon black	1333-86-4	0.055	0.40		3970	
	plastics	brominated resin	-	0.069	0.50		4963	
	inorganic material	antimonytrioxide	1309-64-4	0.138	0.99		9926	
	plastics	epoxy resin	-	1.256	9.03		90327	
	inorganic material	silicondioxide	60676-86-0	5.382	38.71	49.63	387115	496301
leadfinish	non noble metal	tin	7440-31-5	0.335	2.41	2.41	24125	24125
plating	noble metal	silver	7440-22-4	0.147	1.06	1.06	10582	10582
glue	plastics	epoxy resin	-	0.027	0.20		1960	
	noble metal	silver	7440-22-4	0.128	0.92	1.12	9240	11200
*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.
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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.

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