

Material Content Data Sheet

RoHS

Sales Product Name	TLE4285G	**Issued**	27. April 2022
MA#	MA005715400		
Package	PG-SCT595-5-2	**Weight***	13.91 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	21103	21103
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		87	
	non noble metal	titanium	7440-32-6	0.006	0.04		436	
	non noble metal	chromium	7440-47-3	0.018	0.13		1309	
	non noble metal	copper	7440-50-8	6.045	43.45	43.63	434535	436367
wire	noble metal	gold	7440-57-5	0.026	0.18	0.18	1844	1844
encapsulation	organic material	carbon black	1333-86-4	0.055	0.40		3952	
	plastics	brominated resin	-	0.069	0.49		4940	
	inorganic material	antimonytrioxide	1309-64-4	0.137	0.99		9881	
	plastics	epoxy resin	-	1.251	8.99		89917	
	inorganic material	silicondioxide	60676-86-0	5.361	38.54	49.41	385361	494051
leadfinish	non noble metal	tin	7440-31-5	0.335	2.41	2.41	24111	24111
plating	noble metal	silver	7440-22-4	0.147	1.06	1.06	10576	10576
glue	plastics	epoxy resin	-	0.029	0.21		2091	
	noble metal	silver	7440-22-4	0.137	0.99	1.20	9857	11948
*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 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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