

Material Content Data Sheet

RoHS

Sales Product Name	TLE4296G V50	**Issued**	27. April 2022
MA#	MA005715971		
Package	PG-SCT595-5-2	**Weight***	13.92 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	21098	21098
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	43.43	43.61	434440	436272
wire	noble metal	gold	7440-57-5	0.029	0.21	0.21	2087	2087
encapsulation	organic material	carbon black	1333-86-4	0.055	0.40		3951	
	plastics	brominated resin	-	0.069	0.49		4939	
	inorganic material	antimonytrioxide	1309-64-4	0.137	0.99		9878	
	plastics	epoxy resin	-	1.251	8.99		89893	
	inorganic material	silicondioxide	60676-86-0	5.361	38.53	49.40	385258	493919
leadfinish	non noble metal	tin	7440-31-5	0.335	2.41	2.41	24106	24106
plating	noble metal	silver	7440-22-4	0.147	1.06	1.06	10573	10573
glue	plastics	epoxy resin	-	0.029	0.21		2090	
	noble metal	silver	7440-22-4	0.137	0.99	1.20	9855	11945
*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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