



Material Content Data Sheet



Sales Product Name		TLE4296G V33		Issued		28. October 2019		
MA#		MA000045217						
Package		PG-SCT595-5-1		Weight*		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	433323	435150
wire	noble metal	gold	7440-57-5	0.030	0.21	0.21	2149	2149
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		9905	
	plastics	epoxy resin	-	1.252	9.01		90138	
	inorganic material	silicondioxide	60676-86-0	5.366	38.63	49.53	386305	495263
leadfinish	non noble metal	tin	7440-31-5	0.335	2.41	2.41	24148	24148
plating	noble metal	silver	7440-22-4	0.142	1.02	1.02	10188	10188
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 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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