



Material Content Data Sheet



Sales Product Name		TLE4296G V50		Issued		20. July 2018		
MA#		MA000043592						
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	21129	21129
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	43.32	43.50	433193	435020
wire	noble metal	gold	7440-57-5	0.030	0.21	0.21	2148	2148
encapsulation	organic material	carbon black	1333-86-4	0.055	0.40		3961	
	plastics	brominated resin	-	0.069	0.50		4951	
	inorganic material	antimonytrioxide	1309-64-4	0.138	0.99		9902	
	plastics	epoxy resin	-	1.252	9.01		90111	
	inorganic material	silicondioxide	60676-86-0	5.366	38.62	49.52	386189	495114
leadfinish	non noble metal	tin	7440-31-5	0.340	2.44	2.44	24443	24443
plating	noble metal	silver	7440-22-4	0.142	1.02	1.02	10184	10184
glue	plastics	epoxy resin	-	0.029	0.21		2093	
	noble metal	silver	7440-22-4	0.137	0.99	1.20	9869	11962
*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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