



Material Content Data Sheet



Sales Product Name		TLE4295G V50		Issued		20. July 2018		
MA#		MA000041366						
Package		PG-SCT595-5-1		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	0.315	2.26	2.26	22626	22626
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		1304	
	non noble metal	copper	7440-50-8	6.019	43.31	43.49	432962	434788
wire	noble metal	gold	7440-57-5	0.030	0.22	0.22	2185	2185
encapsulation	organic material	carbon black	1333-86-4	0.055	0.39		3947	
	plastics	brominated resin	-	0.069	0.49		4934	
	inorganic material	antimonytrioxide	1309-64-4	0.137	0.99		9868	
	plastics	epoxy resin	-	1.248	8.98		89796	
	inorganic material	silicondioxide	60676-86-0	5.350	38.48	49.33	384842	493387
leadfinish	non noble metal	tin	7440-31-5	0.340	2.44	2.44	24430	24430
plating	noble metal	silver	7440-22-4	0.142	1.02	1.02	10179	10179
glue	plastics	epoxy resin	-	0.030	0.22		2171	
	noble metal	silver	7440-22-4	0.142	1.02	1.24	10234	12405
*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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