



Material Content Data Sheet



Sales Product Name		TLE4299GM V33		Issued		27. September 2017		
MA#		MA000970046						
Package		PG-DSO-14-30		Weight*		143.38 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	3.584	2.50	2.50	24997	24997
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		105	
	non noble metal	zinc	7440-66-6	0.060	0.04		421	
	non noble metal	iron	7439-89-6	1.207	0.84		8418	
wire	non noble metal	copper	7440-50-8	49.007	34.18	35.07	341811	350755
	noble metal	gold	7440-57-5	0.301	0.21	0.21	2100	2100
	encapsulation	organic material	carbon black	1333-86-4	0.171	0.12		1191
plastics		epoxy resin	-	7.852	5.48		54767	
	inorganic material	silicondioxide	60676-86-0	77.327	53.93	59.53	539337	595295
leadfinish	non noble metal	tin	7440-31-5	1.226	0.86	0.86	8552	8552
plating	noble metal	silver	7440-22-4	1.030	0.72	0.72	7182	7182
glue	plastics	acrylic resin	-	0.351	0.24		2446	
	noble metal	silver	7440-22-4	1.243	0.87	1.11	8673	11119
*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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