

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4299GM V33	**Issued**	18. August 2021
MA#	MA001718296		
Package	PG-DSO-14-61	**Weight***	142.39 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	2.001	1.41	1.41	14056	14056
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		108	
	non noble metal	zinc	7440-66-6	0.061	0.04		432	
	non noble metal	iron	7439-89-6	1.229	0.86		8630	
	non noble metal	copper	7440-50-8	49.897	35.04	35.95	350430	359600
wires	noble metal	palladium	7440-05-3	0.001			10	
	non noble metal	copper	7440-50-8	0.146	0.10	0.10	1028	1038
encapsulation	organic material	carbon black	1333-86-4	0.255	0.18		1791	
	plastics	epoxy resin	-	9.947	6.99		69862	
	inorganic material	silicondioxide	60676-86-0	74.818	52.55	59.72	525458	597111
leadfinish	noble metal	palladium	7440-05-3	0.020	0.01		144	
	noble metal	gold	7440-57-5	0.033	0.02		231	
	non noble metal	nickel	7440-02-0	0.719	0.51	0.54	5052	5427
plating	noble metal	palladium	7440-05-3	0.066	0.05		466	
	noble metal	gold	7440-57-5	0.107	0.08		750	
	non noble metal	nickel	7440-02-0	2.338	1.64	1.77	16419	17635
glue	plastics	epoxy resin	-	0.183	0.13		1283	
	noble metal	silver	7440-22-4	0.548	0.38	0.51	3850	5133
*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.
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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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