

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4699GM	**Issued**	18. August 2021
MA#	MA001718798		
Package	PG-DSO-14-30	**Weight***	143.10 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	2.837	1.98	1.98	19823	19823
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		105	
	non noble metal	zinc	7440-66-6	0.060	0.04		422	
	non noble metal	iron	7439-89-6	1.207	0.84		8434	
	non noble metal	copper	7440-50-8	49.007	34.25	35.14	342469	351430
wire	noble metal	gold	7440-57-5	0.192	0.13	0.13	1341	1341
encapsulation	organic material	carbon black	1333-86-4	0.172	0.12		1204	
	plastics	epoxy resin	-	7.925	5.54		55383	
	inorganic material	silicondioxide	60676-86-0	78.046	54.55	60.21	545401	601988
leadfinish	non noble metal	tin	7440-31-5	1.226	0.86	0.86	8569	8569
plating	noble metal	silver	7440-22-4	1.030	0.72	0.72	7196	7196
glue	plastics	acrylic resin	-	0.304	0.21		2124	
	noble metal	silver	7440-22-4	1.077	0.75	0.96	7529	9653
*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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