

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4279GM	**Issued**	18. August 2021
MA#	MA001724242		
Package	PG-DSO-14-30	**Weight***	143.22 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	2.966	2.07	2.07	20707	20707
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		8427	
	non noble metal	copper	7440-50-8	49.007	34.22	35.11	342183	351136
wire	noble metal	gold	7440-57-5	0.283	0.20	0.20	1975	1975
encapsulation	organic material	carbon black	1333-86-4	0.172	0.12		1201	
	plastics	epoxy resin	-	7.911	5.52		55236	
	inorganic material	silicondioxide	60676-86-0	77.905	54.40	60.04	543957	600394
leadfinish	non noble metal	tin	7440-31-5	1.226	0.86	0.86	8561	8561
plating	noble metal	silver	7440-22-4	1.030	0.72	0.72	7190	7190
glue	plastics	acrylic resin	-	0.316	0.22		2208	
	noble metal	silver	7440-22-4	1.121	0.78	1.00	7829	10037
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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