

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4268GS	**Issued**	18. August 2021
MA#	MA001720660		
Package	PG-DSO-8-64	**Weight***	82.19 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	2.950	3.59	3.59	35895	35895
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		106	
	non noble metal	zinc	7440-66-6	0.035	0.04		423	
	non noble metal	iron	7439-89-6	0.696	0.85		8465	
	non noble metal	copper	7440-50-8	28.249	34.37	35.27	343717	352711
wires	noble metal	palladium	7440-05-3	0.001			10	
	non noble metal	copper	7440-50-8	0.079	0.10	0.10	955	965
encapsulation	organic material	carbon black	1333-86-4	0.140	0.17		1702	
	plastics	epoxy resin	-	5.455	6.64		66372	
	inorganic material	silicondioxide	60676-86-0	41.027	49.91	56.72	499207	567281
leadfinish	noble metal	palladium	7440-05-3	0.014	0.02		165	
	noble metal	gold	7440-57-5	0.022	0.03		265	
	non noble metal	nickel	7440-02-0	0.477	0.58	0.63	5809	6239
plating	noble metal	palladium	7440-05-3	0.038	0.05		461	
	noble metal	gold	7440-57-5	0.061	0.07		740	
	non noble metal	nickel	7440-02-0	1.333	1.62	1.74	16215	17416
glue	plastics	epoxy resin	-	0.401	0.49		4873	
	noble metal	silver	7440-22-4	1.202	1.46	1.95	14620	19493
*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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