

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE42994G	**Issued**	18. August 2021
MA#	MA001722108		
Package	PG-DSO-8-62	**Weight***	82.03 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	2.995	3.65	3.65	36515	36515
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		106	
	non noble metal	zinc	7440-66-6	0.035	0.04		422	
	non noble metal	iron	7439-89-6	0.692	0.84		8442	
	non noble metal	copper	7440-50-8	28.118	34.28	35.17	342769	351739
wire	noble metal	palladium	7440-05-3	0.001			11	
	non noble metal	copper	7440-50-8	0.090	0.11	0.11	1098	1109
encapsulation	organic material	carbon black	1333-86-4	0.140	0.17		1706	
	plastics	epoxy resin	-	5.456	6.65		66515	
	inorganic material	silicondioxide	60676-86-0	41.039	50.04	56.86	500288	568509
leadfinish	noble metal	palladium	7440-05-3	0.014	0.02		165	
	noble metal	gold	7440-57-5	0.022	0.03		266	
	non noble metal	nickel	7440-02-0	0.477	0.58	0.63	5820	6251
plating	noble metal	palladium	7440-05-3	0.036	0.04		437	
	noble metal	gold	7440-57-5	0.058	0.07		702	
	non noble metal	nickel	7440-02-0	1.261	1.54	1.65	15378	16517
glue	plastics	epoxy resin	-	0.397	0.48		4840	
	noble metal	silver	7440-22-4	1.191	1.45	1.93	14520	19360
*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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