

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE8250GVIO	**Issued**	9. January 2019
MA#	MA004441350		
Package	PG-DSO-8-64	**Weight***	82.09 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	2.624	3.20	3.20	31970	31970
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		106	
	non noble metal	zinc	7440-66-6	0.035	0.04		424	
	non noble metal	iron	7439-89-6	0.696	0.85		8475	
	non noble metal	copper	7440-50-8	28.249	34.41	35.31	344125	353130
wires	noble metal	palladium	7440-05-3	0.001	0.00		10	
	non noble metal	copper	7440-50-8	0.080	0.10	0.10	971	981
encapsulation	organic material	carbon black	1333-86-4	0.141	0.17		1716	
	plastics	epoxy resin	-	5.494	6.69		66932	
	inorganic material	silicondioxide	60676-86-0	41.324	50.35	57.21	503416	572064
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	5816	6247
plating	noble metal	palladium	7440-05-3	0.038	0.05		461	
	noble metal	gold	7440-57-5	0.061	0.07		741	
	non noble metal	nickel	7440-02-0	1.333	1.62	1.74	16234	17436
glue	plastics	epoxy resin	-	0.373	0.45		4543	
	noble metal	silver	7440-22-4	1.119	1.36	1.81	13629	18172
*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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