

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE6251D	**Issued**	7. August 2019
MA#	MA005260078		
Package	PG-DSO-8-64	**Weight***	82.14 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	2.799	3.41	3.41	34080	34080
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		8470	
	non noble metal	copper	7440-50-8	28.249	34.39	35.29	343909	352908
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	980	990
encapsulation	organic material	carbon black	1333-86-4	0.140	0.17		1709	
	plastics	epoxy resin	-	5.473	6.66		66634	
	inorganic material	silicondioxide	60676-86-0	41.166	50.12	56.95	501177	569520
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	5813	6243
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	16224	17426
glue	plastics	epoxy resin	-	0.387	0.47		4708	
	noble metal	silver	7440-22-4	1.160	1.41	1.88	14125	18833
*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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