

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE6251DS	**Issued**	25. November 2019
MA#	MA005260110		
Package	PG-DSO-8-62	**Weight***	82.23 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	3.755	4.57	4.57	45658	45658
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		105	
	non noble metal	zinc	7440-66-6	0.035	0.04		421	
	non noble metal	iron	7439-89-6	0.692	0.84		8421	
	non noble metal	copper	7440-50-8	28.118	34.19	35.08	341927	350874
wires	noble metal	palladium	7440-05-3	0.001	0.00		10	
	non noble metal	copper	7440-50-8	0.085	0.10	0.10	1029	1039
encapsulation	organic material	carbon black	1333-86-4	0.138	0.17		1674	
	plastics	epoxy resin	-	5.367	6.53		65270	
	inorganic material	silicondioxide	60676-86-0	40.370	49.09	55.79	490920	557864
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	5806	6236
plating	noble metal	palladium	7440-05-3	0.036	0.04		436	
	noble metal	gold	7440-57-5	0.058	0.07		701	
	non noble metal	nickel	7440-02-0	1.261	1.53	1.64	15340	16477
glue	plastics	epoxy resin	-	0.449	0.55		5463	
	noble metal	silver	7440-22-4	1.348	1.64	2.19	16389	21852
*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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