

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE9251SJ	**Issued**	08. February 2022
MA#	MA003484430		
Package	PG-DSO-8-65	**Weight***	79.80 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	1.005	1.26	1.26	12595	12595
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		101	
	non noble metal	zinc	7440-66-6	0.032	0.04		406	
	non noble metal	iron	7439-89-6	0.647	0.81		8113	
	non noble metal	copper	7440-50-8	26.289	32.94	33.80	329422	338042
wires	noble metal	palladium	7440-05-3	0.001			18	
	non noble metal	copper	7440-50-8	0.057	0.07	0.07	710	728
encapsulation	organic material	carbon black	1333-86-4	0.148	0.19		1853	
	plastics	epoxy resin	-	5.767	7.23		72266	
	inorganic material	silicondioxide	60676-86-0	43.375	54.35	61.77	543536	617655
leadfinish	noble metal	palladium	7440-05-3	0.014	0.02		170	
	noble metal	gold	7440-57-5	0.022	0.03		273	
	non noble metal	nickel	7440-02-0	0.477	0.60	0.65	5983	6426
plating	noble metal	palladium	7440-05-3	0.035	0.04		442	
	noble metal	gold	7440-57-5	0.057	0.07		711	
	non noble metal	nickel	7440-02-0	1.242	1.56	1.67	15563	16716
glue	inorganic material	copperoxide	1317-38-0	0.016	0.02		196	
	miscellaneous	miscellaneous	-	0.019	0.02		235	
	plastics	epoxy resin	-	0.109	0.14		1372	
	noble metal	silver	7440-22-4	0.482	0.60	0.78	6035	7838
*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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