



Material Content Data Sheet



Sales Product Name		TLE9251VSJ		Issued		24. January 2018		
MA#		MA001632196						
Package		PG-DSO-8-65		Weight*		79.81 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	12594	12594
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		8112	
wire	non noble metal	copper	7440-50-8	26.289	32.94	33.80	329398	338017
	non noble metal	copper	7440-50-8	0.065	0.08	0.08	814	822
	noble metal	palladium	7440-05-3	0.001	0.00		8	
encapsulation	organic material	carbon black	1333-86-4	0.148	0.19		1853	
	plastics	epoxy resin	-	5.767	7.23		72258	
	inorganic material	silicondioxide	60676-86-0	43.374	54.33	61.75	543478	617589
leadfinish	noble metal	gold	7440-57-5	0.022	0.03		273	
	noble metal	palladium	7440-05-3	0.014	0.02		170	
	non noble metal	nickel	7440-02-0	0.477	0.60	0.65	5983	6426
plating	noble metal	gold	7440-57-5	0.057	0.07		711	
	noble metal	palladium	7440-05-3	0.035	0.04		442	
	non noble metal	nickel	7440-02-0	1.242	1.56	1.67	15562	16715
glue	plastics	epoxy resin	-	0.156	0.20		1959	
	noble metal	silver	7440-22-4	0.469	0.59	0.79	5878	7837
*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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