



Material Content Data Sheet



Sales Product Name		TLE9252VSK		Issued		2. August 2018		
MA#		MA002198164						
Package		PG-DSO-14-63		Weight*		142.76 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	1.340	0.94	0.94	9384	9384
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		109	
	non noble metal	zinc	7440-66-6	0.062	0.04		435	
	non noble metal	iron	7439-89-6	1.243	0.87		8708	
wires	non noble metal	copper	7440-50-8	50.479	35.36	36.28	353596	362848
	noble metal	palladium	7440-05-3	0.002	0.00		17	
	non noble metal	copper	7440-50-8	0.095	0.07	0.07	666	683
encapsulation	organic material	carbon black	1333-86-4	0.256	0.18		1796	
	plastics	epoxy resin	-	9.998	7.00		70034	
	inorganic material	silicondioxide	60676-86-0	75.198	52.68	59.86	526748	598578
leadfinish	noble metal	palladium	7440-05-3	0.020	0.01		143	
	noble metal	gold	7440-57-5	0.033	0.02		230	
	non noble metal	nickel	7440-02-0	0.719	0.50	0.53	5039	5412
plating	noble metal	palladium	7440-05-3	0.068	0.05		476	
	noble metal	gold	7440-57-5	0.109	0.08		765	
	non noble metal	nickel	7440-02-0	2.392	1.68	1.81	16755	17996
glue	plastics	epoxy resin	-	0.182	0.13		1275	
	noble metal	silver	7440-22-4	0.546	0.38	0.51	3824	5099
*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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