



## Material Content Data Sheet



<b>Sales Product Name</b>	TLE9202ED			<b>Issued</b>	24. January 2018			
<b>MA#</b>	MA001640472							
<b>Package</b>	PG-DSO-36-72			<b>Weight*</b>	538.51 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	8.798	1.63	1.63	16337	16337
leadframe	inorganic material	phosphorus	7723-14-0	0.072	0.01		134	
	non noble metal	iron	7439-89-6	0.241	0.04		448	
	non noble metal	copper	7440-50-8	240.973	44.75	44.80	447481	448063
	non noble metal	copper	7440-50-8	2.842	0.53	0.53	5277	5277
wire	non noble metal	copper	7440-50-8	2.842	0.53	0.53	5277	5277
encapsulation	organic material	carbon black	1333-86-4	0.823	0.15		1528	
	plastics	epoxy resin	-	32.083	5.96		59577	
	inorganic material	silicondioxide	60676-86-0	241.309	44.82	50.93	448106	509211
leadfinish	non noble metal	tin	7440-31-5	6.656	1.24	1.24	12360	12360
plating	noble metal	silver	7440-22-4	1.799	0.33	0.33	3341	3341
glue	plastics	epoxy resin	-	0.510	0.09		947	
	noble metal	silver	7440-22-4	2.404	0.45	0.54	4464	5411
*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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