



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE9222LC		<b>Issued</b>		20. July 2018			
<b>MA#</b>		MA001472448							
<b>Package</b>		PG-TSON-14-3		<b>Weight*</b>		42.00 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	0.990	2.36	2.36	23580	23580	
leadframe	inorganic material	phosphorus	7723-14-0	0.005	0.01		119		
		non noble metal	zinc	7440-66-6	0.020	0.05		477	
		non noble metal	iron	7439-89-6	0.401	0.95		9537	
wire	non noble metal	non noble metal	copper	7440-50-8	16.263	38.72	39.73	387234	397367
		non noble metal	copper	7440-50-8	0.093	0.22	0.22	2211	2211
		encapsulation	organic material	carbon black	1333-86-4	0.046	0.11		1097
encapsulation	plastics	plastics	epoxy resin	-	2.372	5.65		56482	
		inorganic material	silicondioxide	60676-86-0	20.612	49.08	54.84	490792	548371
		leadfinish	non noble metal	tin	7440-31-5	0.621	1.48	1.48	14792
plating	noble metal	silver	7440-22-4	0.091	0.22	0.22	2160	2160	
glue	plastics	plastics	epoxy resin	-	0.121	0.29		2880	
		noble metal	silver	7440-22-4	0.363	0.86	1.15	8639	11519
*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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