



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4998C8D		<b>Issued</b>		4. July 2019			
<b>MA#</b>		MA001220616							
<b>Package</b>		PG-TDSO-8-2		<b>Weight*</b>		68.13 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip_1	inorganic material	silicon	7440-21-3	1.926	2.83	2.83	28266	28266	
chip_2	inorganic material	silicon	7440-21-3	1.926	2.83	2.83	28266	28266	
leadframe	non noble metal	zinc	7440-66-6	0.064	0.09		945		
	non noble metal	tin	7440-31-5	0.080	0.12		1181		
	non noble metal	chromium	7440-47-3	0.097	0.14		1417		
wire	non noble metal	copper	7440-50-8	31.938	46.88	47.23	468795	472338	
	noble metal	gold	7440-57-5	0.118	0.17	0.17	1733	1733	
	encapsulation	organic material	carbon black	1333-86-4	0.060	0.09		882	
encapsulation	plastics	epoxy resin	-	3.244	4.76		47620		
	inorganic material	silicondioxide	60676-86-0	26.735	39.24	44.09	392420	440922	
leadfinish	non noble metal	tin	7440-31-5	0.497	0.73	0.73	7298	7298	
plating	noble metal	silver	7440-22-4	0.953	1.40	1.40	13982	13982	
glue	plastics	epoxy resin	-	0.123	0.18		1799		
	plastics	acrylic resin	-	0.123	0.18		1799		
	inorganic material	silicondioxide	60676-86-0	0.245	0.36	0.72	3597	7195	
*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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