



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4998S8D		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA002020036						
<b>Package</b>		PG-TDSO-8-2		<b>Weight*</b>		67.93 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	0.154	0.23	0.23	2263	2263
chip_2	inorganic material	silicon	7440-21-3	1.926	2.84	2.84	28350	28350
chip_3	inorganic material	silicon	7440-21-3	1.926	2.84	2.84	28350	28350
leadframe	non noble metal	zinc	7440-66-6	0.064	0.09		947	
	non noble metal	tin	7440-31-5	0.080	0.12		1184	
	non noble metal	chromium	7440-47-3	0.097	0.14		1421	
	non noble metal	copper	7440-50-8	31.938	47.02	47.37	470183	473735
wire	noble metal	gold	7440-57-5	0.117	0.17	0.17	1720	1720
encapsulation	organic material	carbon black	1333-86-4	0.058	0.09		855	
	plastics	epoxy resin	-	3.137	4.62		46188	
	inorganic material	silicondioxide	60676-86-0	25.854	38.06	42.77	380620	427663
leadfinish	non noble metal	tin	7440-31-5	0.497	0.73	0.73	7320	7320
plating	noble metal	silver	7440-22-4	0.953	1.40	1.40	14023	14023
glue	plastics	epoxy resin	-	0.281	0.41		4144	
	plastics	acrylic resin	-	0.281	0.41		4144	
	inorganic material	silicondioxide	60676-86-0	0.563	0.83	1.65	8288	16576
*deviation	< 10%				Sum in total:		100.00	1000000

### Important Remarks:

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