



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4262GM		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001668470						
<b>Package</b>		PG-DSO-14-61		<b>Weight*</b>		142.29 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	1.751	1.23	1.23	12308	12308
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		108	
	non noble metal	zinc	7440-66-6	0.061	0.04		432	
	non noble metal	iron	7439-89-6	1.229	0.86		8636	
wire	non noble metal	copper	7440-50-8	49.897	35.07	35.98	350674	359850
	non noble metal	copper	7440-50-8	0.102	0.07		720	
	noble metal	palladium	7440-05-3	0.001	0.00	0.07	7	727
encapsulation	organic material	carbon black	1333-86-4	0.256	0.18		1798	
	plastics	epoxy resin	-	9.978	7.01		70122	
	inorganic material	silicondioxide	60676-86-0	75.045	52.75	59.94	527417	599337
leadfinish	noble metal	gold	7440-57-5	0.033	0.02		231	
	noble metal	palladium	7440-05-3	0.020	0.01		144	
	non noble metal	nickel	7440-02-0	0.719	0.51	0.54	5056	5431
plating	noble metal	gold	7440-57-5	0.107	0.08		750	
	noble metal	palladium	7440-05-3	0.066	0.05		467	
	non noble metal	nickel	7440-02-0	2.338	1.64	1.77	16431	17648
glue	plastics	epoxy resin	-	0.167	0.12		1175	
	noble metal	silver	7440-22-4	0.501	0.35	0.47	3524	4699
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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