



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4268GS		<b>Issued</b>		22. January 2018		
<b>MA#</b>		MA001720660						
<b>Package</b>		PG-DSO-8-64		<b>Weight*</b>		82.15 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	2.950	3.59	3.59	35911	35911
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		106	
	non noble metal	zinc	7440-66-6	0.035	0.04		423	
	non noble metal	iron	7439-89-6	0.696	0.85		8469	
wire	non noble metal	copper	7440-50-8	28.249	34.39	35.29	343867	352865
	non noble metal	copper	7440-50-8	0.079	0.10		956	
	noble metal	palladium	7440-05-3	0.001	0.00	0.10	10	966
encapsulation	organic material	carbon black	1333-86-4	0.140	0.17		1703	
	plastics	epoxy resin	-	5.455	6.64		66401	
	inorganic material	silicondioxide	60676-86-0	41.027	49.95	56.76	499423	567527
leadfinish	noble metal	gold	7440-57-5	0.010	0.01		122	
	noble metal	palladium	7440-05-3	0.010	0.01		122	
	non noble metal	nickel	7440-02-0	0.483	0.59	0.61	5878	6122
plating	noble metal	gold	7440-57-5	0.028	0.03		342	
	noble metal	palladium	7440-05-3	0.028	0.03		342	
	non noble metal	nickel	7440-02-0	1.349	1.64	1.70	16424	17108
glue	plastics	epoxy resin	-	0.401	0.49		4875	
	noble metal	silver	7440-22-4	1.202	1.46	1.95	14626	19501
*deviation	< 10%				Sum in total:		100.00	1000000

### Important Remarks:

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