



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE6251D		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA001363976						
<b>Package</b>		PG-DSO-8-64		<b>Weight*</b>		82.10 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	2.799	3.41	3.41	34094	34094
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		106	
	non noble metal	zinc	7440-66-6	0.035	0.04		424	
	non noble metal	iron	7439-89-6	0.696	0.85		8473	
wire	non noble metal	copper	7440-50-8	28.249	34.41	35.31	344059	353062
	non noble metal	copper	7440-50-8	0.080	0.10		980	
	noble metal	palladium	7440-05-3	0.001	0.00	0.10	10	990
encapsulation	organic material	carbon black	1333-86-4	0.140	0.17		1709	
	plastics	epoxy resin	-	5.473	6.67		66663	
	inorganic material	silicondioxide	60676-86-0	41.166	50.15	56.99	501396	569768
leadfinish	noble metal	gold	7440-57-5	0.010	0.01		123	
	noble metal	palladium	7440-05-3	0.010	0.01		123	
	non noble metal	nickel	7440-02-0	0.483	0.59	0.61	5881	6127
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	16434	17118
glue	plastics	epoxy resin	-	0.387	0.47		4710	
	noble metal	silver	7440-22-4	1.160	1.41	1.88	14131	18841
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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