



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE42694G		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA001718836						
<b>Package</b>		PG-DSO-8-64		<b>Weight*</b>		81.45 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	1.353	1.66	1.66	16609	16609
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		107	
	non noble metal	zinc	7440-66-6	0.035	0.04		427	
	non noble metal	iron	7439-89-6	0.696	0.85		8541	
wire	non noble metal	copper	7440-50-8	28.249	34.68	35.58	346820	355895
	noble metal	palladium	7440-05-3	0.001	0.00		12	
	non noble metal	copper	7440-50-8	0.098	0.12	0.12	1200	1212
encapsulation	organic material	carbon black	1333-86-4	0.146	0.18		1788	
	plastics	epoxy resin	-	5.678	6.97		69714	
	inorganic material	silicondioxide	60676-86-0	42.708	52.46	59.61	524351	595853
leadfinish	noble metal	gold	7440-57-5	0.010	0.01		124	
	noble metal	palladium	7440-05-3	0.010	0.01		124	
	non noble metal	nickel	7440-02-0	0.483	0.59	0.61	5928	6176
plating	noble metal	gold	7440-57-5	0.028	0.03		345	
	noble metal	palladium	7440-05-3	0.028	0.03		345	
	non noble metal	nickel	7440-02-0	1.349	1.66	1.72	16566	17256
glue	plastics	epoxy resin	-	0.143	0.18		1750	
	noble metal	silver	7440-22-4	0.428	0.52	0.70	5249	6999
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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