



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4957C E6747		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA000747734						
<b>Package</b>		PG-SSO-3-92		<b>Weight*</b>		159.77 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	2.277	1.42	1.42	14250	14250
leadframe	non noble metal	chromium	7440-47-3	0.240	0.15		1500	
	non noble metal	titanium	7440-32-6	0.240	0.15		1500	
	non noble metal	nickel	7440-02-0	0.320	0.20		2001	
	non noble metal	tin	7440-31-5	0.479	0.30		3001	
	non noble metal	copper	7440-50-8	78.632	49.21	50.01	492161	500163
wire	noble metal	gold	7440-57-5	0.074	0.05	0.05	461	461
encapsulation	organic material	carbon black	1333-86-4	0.426	0.27		2666	
	plastics	brominated resin	-	0.532	0.33		3332	
	inorganic material	antimonytrioxide	1309-64-4	1.065	0.67		6665	
	plastics	epoxy resin	-	9.690	6.07		60651	
	inorganic material	silicondioxide	60676-86-0	41.529	25.99	33.33	259933	333247
leadfinish	non noble metal	tin	7440-31-5	5.565	3.48	3.48	34832	34832
plating	noble metal	silver	7440-22-4	0.442	0.28	0.28	2767	2767
glue	plastics	epoxy resin	-	0.147	0.09		921	
	noble metal	silver	7440-22-4	0.589	0.37	0.46	3685	4606
smd	plastics	epoxy resin	-	0.004	0.00		25	
	noble metal	palladium	7440-05-3	0.466	0.29		2918	
	noble metal	silver	7440-22-4	0.550	0.34		3440	
	non noble metal	copper	7440-50-8	1.210	0.76		7573	
	non noble metal	nickel	7440-02-0	1.513	0.95		9467	
	inorganic material	bariumtitanate	12047-27-7	13.780	8.63	10.97	86251	109674
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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