



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	TLE7240SL	<b>Issued</b>	14. April 2021
<b>MA#</b>	MA005344063		
<b>Package</b>	PG-SSOP-24-17	<b>Weight*</b>	146.68 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	4.342	2.96	2.96	29604	29604
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		106	
	non noble metal	zinc	7440-66-6	0.062	0.04		425	
	non noble metal	iron	7439-89-6	1.245	0.85		8491	
	non noble metal	copper	7440-50-8	50.568	34.48	35.38	344752	353774
wire	non noble metal	copper	7440-50-8	0.355	0.24	0.24	2417	2417
encapsulation	organic material	carbon black	1333-86-4	0.172	0.12		1175	
	plastics	epoxy resin	-	7.925	5.40		54029	
	inorganic material	silicondioxide	60676-86-0	78.043	53.21	58.73	532064	587268
leadfinish	non noble metal	tin	7440-31-5	1.680	1.15	1.15	11452	11452
plating	noble metal	silver	7440-22-4	0.365	0.25	0.25	2490	2490
glue	plastics	epoxy resin	-	0.477	0.32		3249	
	noble metal	silver	7440-22-4	1.430	0.97	1.29	9746	12995
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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