



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	TLE7244SL	<b>Issued</b>	30. March 2021
<b>MA#</b>	MA000982072		
<b>Package</b>	PG-SSOP-24-7	<b>Weight*</b>	147.13 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	5.128	3.49	3.49	34856	34856
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		106	
	non noble metal	zinc	7440-66-6	0.062	0.04		423	
	non noble metal	iron	7439-89-6	1.245	0.85		8465	
	non noble metal	copper	7440-50-8	50.568	34.37	35.27	343700	352694
wire	noble metal	gold	7440-57-5	0.756	0.51	0.51	5139	5139
encapsulation	organic material	carbon black	1333-86-4	0.171	0.12		1161	
	plastics	epoxy resin	-	7.854	5.34		53384	
	inorganic material	silicondioxide	60676-86-0	77.347	52.56	58.02	525712	580257
leadfinish	non noble metal	tin	7440-31-5	1.680	1.14	1.14	11417	11417
plating	noble metal	silver	7440-22-4	0.365	0.25	0.25	2483	2483
glue	plastics	acrylic resin	-	0.426	0.29		2894	
	noble metal	silver	7440-22-4	1.510	1.03	1.32	10260	13154
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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