

Material Content Data Sheet

RoHS

Sales Product Name	TLE4998P3C	**Issued**	02. June 2021
MA#	MA001678628		
Package	PG-SSO-3-92	**Weight***	157.65 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	2.696	1.71	1.71	17101	17101
leadframe	non noble metal	chromium	7440-47-3	0.240	0.15		1521	
	non noble metal	titanium	7440-32-6	0.240	0.15		1521	
	non noble metal	nickel	7440-02-0	0.320	0.20		2028	
	non noble metal	tin	7440-31-5	0.479	0.30		3041	
	non noble metal	copper	7440-50-8	78.632	49.90	50.70	498782	506893
wire	noble metal	gold	7440-57-5	0.047	0.03	0.03	297	297
encapsulation	organic material	carbon black	1333-86-4	0.423	0.27		2682	
	plastics	brominated resin	-	0.529	0.34		3353	
	inorganic material	antimonytrioxide	1309-64-4	1.057	0.67		6705	
	plastics	epoxy resin	-	9.619	6.10		61017	
	inorganic material	silicondioxide	60676-86-0	41.226	26.15	33.53	261501	335258
leadfinish	non noble metal	tin	7440-31-5	5.565	3.53	3.53	35300	35300
plating	noble metal	silver	7440-22-4	0.442	0.28	0.28	2804	2804
glue	plastics	epoxy resin	-	0.163	0.10		1031	
	noble metal	silver	7440-22-4	0.650	0.41	0.51	4124	5155
smd	non noble metal	copper	7440-50-8	0.085	0.05		541	
	noble metal	palladium	7440-05-3	0.095	0.06		602	
	inorganic material	yttriumoxide	1314-36-9	0.238	0.15		1508	
	non noble metal	nickel	7440-02-0	0.266	0.17		1685	
	inorganic material	ytterbiumoxide	1314-37-0	0.489	0.31		3103	
	noble metal	silver	7440-22-4	1.648	1.05		10455	
	inorganic material	bariumtitanate	12047-27-7	12.462	7.90	9.69	79049	96943
smd adhesive	plastics	epoxy resin	-	0.008			50	
	noble metal	silver	7440-22-4	0.031	0.02	0.02	199	249
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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