

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE9222PX	**Issued**	08. February 2022
MA#	MA005435786		
Package	PG-TSSOP-14-1	**Weight***	46.89 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	1.260	2.69	2.69	26881	26881
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		73	
	non noble metal	zinc	7440-66-6	0.014	0.03		293	
	non noble metal	iron	7439-89-6	0.275	0.59		5865	
	non noble metal	copper	7440-50-8	11.166	23.81	24.44	238148	244379
wire	noble metal	gold	7440-57-5	0.119	0.25	0.25	2544	2544
encapsulation	organic material	carbon black	1333-86-4	0.161	0.34		3423	
	plastics	epoxy resin	-	4.976	10.61		106117	
	inorganic material	silicondioxide	60676-86-0	26.965	57.52	68.47	575089	684629
leadfinish	noble metal	silver	7440-22-4	0.000			4	
	noble metal	palladium	7440-05-3	0.000			5	
	noble metal	gold	7440-57-5	0.000			7	
	non noble metal	nickel	7440-02-0	0.354	0.75	0.75	7541	7557
plating	noble metal	silver	7440-22-4	0.000			10	
	noble metal	palladium	7440-05-3	0.001			12	
	noble metal	gold	7440-57-5	0.001			19	
	non noble metal	nickel	7440-02-0	0.887	1.89	1.89	18924	18965
glue	plastics	epoxy resin	-	0.176	0.38		3761	
	noble metal	silver	7440-22-4	0.529	1.13	1.51	11284	15045
*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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