

Material Content Data Sheet

RoHS

Sales Product Name	TLE4922-XAN-F	**Issued**	19. January 2018
MA#	MA001240322		
Package	PG-SSO-4-1	**Weight***	112.28 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	0.856	0.76	0.76	7624	7624
leadframe	non noble metal	chromium	7440-47-3	0.229	0.20		2038	
	non noble metal	titanium	7440-32-6	0.229	0.20		2038	
	non noble metal	nickel	7440-02-0	0.305	0.27		2717	
	non noble metal	tin	7440-31-5	0.458	0.41		4075	
	non noble metal	copper	7440-50-8	75.040	66.85	67.93	668324	679192
wire	noble metal	gold	7440-57-5	0.053	0.05	0.05	468	468
encapsulation	organic material	carbon black	1333-86-4	0.216	0.19		1926	
	plastics	brominated resin	-	0.270	0.24		2408	
	inorganic material	antimonytrioxide	1309-64-4	0.541	0.48		4816	
	plastics	epoxy resin	-	4.921	4.38		43826	
	inorganic material	silicondioxide	60676-86-0	21.089	18.78	24.07	187826	240802
leadfinish	non noble metal	tin	7440-31-5	7.027	6.26	6.26	62585	62585
plating	noble metal	silver	7440-22-4	0.655	0.58	0.58	5833	5833
glue	plastics	epoxy resin	-	0.079	0.07		699	
	noble metal	silver	7440-22-4	0.314	0.28	0.35	2797	3496
*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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