

Material Content Data Sheet

RoHS

Sales Product Name	TLE4946-2L	**Issued**	9. January 2019
MA#	MA001679636		
Package	PG-SSO-3-2	**Weight***	88.55 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	0.563	0.64	0.64	6354	6354
leadframe	non noble metal	chromium	7440-47-3	0.153	0.17		1728	
	non noble metal	titanium	7440-32-6	0.153	0.17		1728	
	non noble metal	nickel	7440-02-0	0.204	0.23		2304	
	non noble metal	tin	7440-31-5	0.306	0.35		3457	
	non noble metal	copper	7440-50-8	50.200	56.69	57.61	566893	576110
wire	noble metal	gold	7440-57-5	0.039	0.04	0.04	440	440
encapsulation	organic material	carbon black	1333-86-4	0.210	0.24		2374	
	plastics	brominated resin	-	0.263	0.30		2968	
	inorganic material	antimonytrioxide	1309-64-4	0.526	0.59		5935	
	plastics	epoxy resin	-	4.783	5.40		54012	
	inorganic material	silicondioxide	60676-86-0	20.498	23.15	29.68	231481	296770
leadfinish	non noble metal	tin	7440-31-5	9.778	11.04	11.04	110423	110423
plating	noble metal	silver	7440-22-4	0.569	0.64	0.64	6423	6423
glue	plastics	epoxy resin	-	0.062	0.07		696	
	noble metal	silver	7440-22-4	0.247	0.28	0.35	2784	3480
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com