

Material Content Data Sheet

RoHS

Sales Product Name	TLE5046IC-AK-LR	**Issued**	17. February 2022
MA#	MA005699529		
Package	PG-SSO-2-1	**Weight***	139.30 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	1.240	0.89	0.89	8902	8902
leadframe	non noble metal	chromium	7440-47-3	0.309	0.22		2215	
	non noble metal	titanium	7440-32-6	0.309	0.22		2215	
	non noble metal	nickel	7440-02-0	0.411	0.30		2953	
	non noble metal	tin	7440-31-5	0.617	0.44		4429	
	non noble metal	copper	7440-50-8	101.193	72.65	73.83	726420	738232
wire	noble metal	gold	7440-57-5	0.021	0.02	0.02	154	154
encapsulation	organic material	carbon black	1333-86-4	0.211	0.15		1514	
	plastics	brominated resin	-	0.264	0.19		1892	
	inorganic material	antimonytrioxide	1309-64-4	0.527	0.38		3784	
	plastics	epoxy resin	-	4.797	3.44		34438	
	inorganic material	silicondioxide	60676-86-0	20.560	14.76	18.92	147591	189219
leadfinish	non noble metal	tin	7440-31-5	7.803	5.60	5.60	56012	56012
plating	noble metal	silver	7440-22-4	0.550	0.39	0.39	3948	3948
glue	plastics	epoxy resin	-	0.098	0.07		707	
	noble metal	silver	7440-22-4	0.394	0.28	0.35	2826	3533
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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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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