

Material Content Data Sheet

RoHS

Sales Product Name	TLE5046IC-AK-LR	**Issued**	27. April 2022
MA#	MA005731930		
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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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