

Material Content Data Sheet

RoHS

Sales Product Name	TLE5045IC-R050	**Issued**	13. April 2021
MA#	MA003863346		
Package	PG-SSO-2-1	**Weight***	139.21 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	0.877	0.63	0.63	6297	6297
leadframe	non noble metal	chromium	7440-47-3	0.309	0.22		2216	
	non noble metal	titanium	7440-32-6	0.309	0.22		2216	
	non noble metal	nickel	7440-02-0	0.411	0.30		2955	
	non noble metal	tin	7440-31-5	0.617	0.44		4432	
	non noble metal	copper	7440-50-8	101.193	72.69	73.87	726928	738747
wire	noble metal	gold	7440-57-5	0.030	0.02	0.02	214	214
encapsulation	organic material	carbon black	1333-86-4	0.214	0.15		1534	
	plastics	brominated resin	-	0.267	0.19		1918	
	inorganic material	antimonytrioxide	1309-64-4	0.534	0.38		3835	
	plastics	epoxy resin	-	4.859	3.49		34902	
	inorganic material	silicondioxide	60676-86-0	20.822	14.96	19.17	149579	191768
leadfinish	non noble metal	tin	7440-31-5	7.803	5.61	5.61	56052	56052
plating	noble metal	silver	7440-22-4	0.550	0.40	0.40	3950	3950
glue	plastics	epoxy resin	-	0.083	0.06		594	
	noble metal	silver	7440-22-4	0.331	0.24	0.30	2378	2972
*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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