

Material Content Data Sheet

RoHS

Sales Product Name	ITS4141N	**Issued**	08. April 2022
MA#	MA005709644		
Package	PG-SOT223-4-34	**Weight***	113.59 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	2.309	2.03	2.03	20331	20331
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		91	
	non noble metal	titanium	7440-32-6	0.052	0.05		456	
	non noble metal	chromium	7440-47-3	0.155	0.14		1367	
	non noble metal	copper	7440-50-8	51.532	45.35	45.55	453684	455598
wire	noble metal	gold	7440-57-5	0.232	0.20	0.20	2046	2046
encapsulation	organic material	carbon black	1333-86-4	0.450	0.40		3965	
	plastics	brominated resin	-	0.563	0.50		4956	
	inorganic material	antimonytrioxide	1309-64-4	1.126	0.99		9912	
	plastics	epoxy resin	-	10.246	9.02		90203	
	inorganic material	silicondioxide	60676-86-0	43.910	38.66	49.57	386583	495619
leadfinish	non noble metal	tin	7440-31-5	1.465	1.29	1.29	12900	12900
plating	noble metal	silver	7440-22-4	0.756	0.67	0.67	6656	6656
glue	plastics	epoxy resin	-	0.136	0.12		1199	
	noble metal	silver	7440-22-4	0.642	0.57	0.69	5651	6850
*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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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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