

Material Content Data Sheet

RoHS

Sales Product Name	ITS4141N	**Issued**	24. February 2022
MA#	MA005700497		
Package	PG-SOT223-4-23	**Weight***	113.91 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	20273	20273
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		91	
	non noble metal	titanium	7440-32-6	0.052	0.05		458	
	non noble metal	chromium	7440-47-3	0.156	0.14		1373	
	non noble metal	copper	7440-50-8	51.895	45.55	45.75	455591	457513
wire	noble metal	gold	7440-57-5	0.244	0.21	0.21	2141	2141
encapsulation	organic material	carbon black	1333-86-4	0.449	0.39		3946	
	plastics	brominated resin	-	0.562	0.49		4932	
	inorganic material	antimonytrioxide	1309-64-4	1.124	0.99		9865	
	plastics	epoxy resin	-	10.225	8.98		89769	
	inorganic material	silicondioxide	60676-86-0	43.823	38.47	49.32	384726	493238
leadfinish	non noble metal	tin	7440-31-5	1.464	1.29	1.29	12853	12853
plating	noble metal	silver	7440-22-4	0.815	0.72	0.72	7152	7152
glue	plastics	epoxy resin	-	0.136	0.12		1195	
	noble metal	silver	7440-22-4	0.642	0.56	0.68	5635	6830
*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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