

Material Content Data Sheet

RoHS

Sales Product Name	ITS4140N	**Issued**	08. April 2022
MA#	MA005709489		
Package	PG-SOT223-4-21	**Weight***	111.94 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	0.741	0.66	0.66	6620	6620
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		91	
	non noble metal	titanium	7440-32-6	0.051	0.05		453	
	non noble metal	chromium	7440-47-3	0.152	0.14		1359	
	non noble metal	copper	7440-50-8	50.489	45.10	45.30	451036	452939
wire	noble metal	gold	7440-57-5	0.103	0.09	0.09	920	920
encapsulation	organic material	carbon black	1333-86-4	0.464	0.41		4147	
	plastics	brominated resin	-	0.580	0.52		5184	
	inorganic material	antimonytrioxide	1309-64-4	1.161	1.04		10368	
	plastics	epoxy resin	-	10.561	9.43		94345	
	inorganic material	silicondioxide	60676-86-0	45.262	40.43	51.83	404338	518382
leadfinish	non noble metal	tin	7440-31-5	1.464	1.31	1.31	13078	13078
plating	noble metal	silver	7440-22-4	0.513	0.46	0.46	4583	4583
glue	plastics	epoxy resin	-	0.068	0.06		609	
	noble metal	silver	7440-22-4	0.321	0.29	0.35	2869	3478
*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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