

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ITS4300S-SJ-D	**Issued**	24. February 2022
MA#	MA005706787		
Package	PG-DSO-8-24	**Weight***	83.23 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	1.539	1.85	1.85	18487	18487
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.036	0.04		431	
	non noble metal	iron	7439-89-6	0.717	0.86		8617	
	non noble metal	copper	7440-50-8	29.121	34.99	35.90	349903	359059
wire	noble metal	gold	7440-57-5	0.471	0.57	0.57	5660	5660
encapsulation	organic material	carbon black	1333-86-4	0.099	0.12		1184	
	plastics	epoxy resin	-	4.532	5.45		54456	
	inorganic material	silicondioxide	60676-86-0	44.632	53.62	59.19	536270	591910
leadfinish	non noble metal	tin	7440-31-5	0.814	0.98	0.98	9779	9779
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7813	7813
glue	plastics	epoxy resin	-	0.106	0.13		1276	
	noble metal	silver	7440-22-4	0.501	0.60	0.73	6016	7292
*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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