



Material Content Data Sheet



Halogen-Free

Sales Product Name	IRS2302STRPBF	Issued	27. April 2022
MA#	MA005740219		
Package	PG-DSO-8-910	Weight*	75.84 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	2.383	3.14	3.14	31426	31426
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		104	
	non noble metal	zinc	7440-66-6	0.031	0.04		414	
	non noble metal	iron	7439-89-6	0.628	0.83		8282	
	non noble metal	copper	7440-50-8	25.502	33.63	34.51	336287	345087
wire	noble metal	gold	7440-57-5	0.267	0.35	0.35	3516	3516
encapsulation	organic material	carbon black	1333-86-4	0.090	0.12		1187	
	plastics	epoxy resin	-	5.312	7.00		70047	
	inorganic material	silicondioxide	60676-86-0	39.615	52.24	59.36	522383	593617
leadfinish	non noble metal	tin	7440-31-5	0.833	1.10	1.10	10989	10989
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1761	1761
glue	plastics	epoxy resin	-	0.310	0.41		4081	
	noble metal	silver	7440-22-4	0.722	0.95	1.36	9523	13604
*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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