

Material Content Data Sheet

RoHS | 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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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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