

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRS2101SPBF	**Issued**	27. April 2022
MA#	MA005729830		
Package	PG-DSO-8-910	**Weight***	73.05 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	1.773	2.43	2.43	24278	24278
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		107	
	non noble metal	zinc	7440-66-6	0.031	0.04		430	
	non noble metal	iron	7439-89-6	0.628	0.86		8598	
	non noble metal	copper	7440-50-8	25.502	34.91	35.82	349121	358256
wire	non noble metal	copper	7440-50-8	0.114	0.16	0.16	1567	1567
encapsulation	organic material	carbon black	1333-86-4	0.129	0.18		1772	
	plastics	epoxy resin	-	4.185	5.73		57290	
	inorganic material	silicondioxide	60676-86-0	38.829	53.16	59.07	531560	590622
leadfinish	non noble metal	tin	7440-31-5	0.833	1.14	1.14	11409	11409
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1829	1829
glue	plastics	maleimide resin	-	0.149	0.20		2047	
	noble metal	silver	7440-22-4	0.730	1.00	1.20	9992	12039
*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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