



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IRS2101SPBF	<b>Issued</b>	27. April 2022
<b>MA#</b>	MA005729830		
<b>Package</b>	PG-DSO-8-910	<b>Weight*</b>	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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com