



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IRS2008STRPBF	<b>Issued</b>	27. April 2022
<b>MA#</b>	MA005727351		
<b>Package</b>	PG-DSO-8-910	<b>Weight*</b>	72.99 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	1.638	2.24	2.24	22439	22439
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		108	
	non noble metal	zinc	7440-66-6	0.031	0.04		430	
	non noble metal	iron	7439-89-6	0.628	0.86		8604	
	non noble metal	copper	7440-50-8	25.502	34.94	35.85	349376	358518
wire	non noble metal	copper	7440-50-8	0.097	0.13	0.13	1330	1330
encapsulation	organic material	carbon black	1333-86-4	0.130	0.18		1779	
	plastics	epoxy resin	-	4.199	5.75		57519	
	inorganic material	silicondioxide	60676-86-0	38.955	53.38	59.31	533678	592976
leadfinish	non noble metal	tin	7440-31-5	0.833	1.14	1.14	11417	11417
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1830	1830
glue	plastics	maleimide resin	-	0.143	0.20		1953	
	noble metal	silver	7440-22-4	0.696	0.95	1.15	9537	11490
*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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