



Material Content Data Sheet



Halogen-Free

Sales Product Name	IRS2301STRPBF	Issued	27. April 2022
MA#	MA005733668		
Package	PG-DSO-8-910	Weight*	73.22 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	3.25	3.25	32548	32548
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		107	
	non noble metal	zinc	7440-66-6	0.031	0.04		429	
	non noble metal	iron	7439-89-6	0.628	0.86		8578	
	non noble metal	copper	7440-50-8	25.502	34.83	35.74	348303	357417
wire	non noble metal	copper	7440-50-8	0.125	0.17	0.17	1703	1703
encapsulation	organic material	carbon black	1333-86-4	0.128	0.17		1744	
	plastics	epoxy resin	-	4.128	5.64		56374	
	inorganic material	silicondioxide	60676-86-0	38.298	52.31	58.12	523059	581177
leadfinish	non noble metal	tin	7440-31-5	0.833	1.14	1.14	11382	11382
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1824	1824
glue	plastics	maleimide resin	-	0.174	0.24		2371	
	noble metal	silver	7440-22-4	0.848	1.16	1.40	11578	13949
*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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