

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRS21271STRPBF	**Issued**	22. April 2022
MA#	MA005739175		
Package	PG-DSO-8-910	**Weight***	73.12 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	2.047	2.80	2.80	27998	27998
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		8590	
	non noble metal	copper	7440-50-8	25.502	34.88	35.79	348802	357929
wire	non noble metal	copper	7440-50-8	0.108	0.15	0.15	1481	1481
encapsulation	organic material	carbon black	1333-86-4	0.129	0.18		1760	
	plastics	epoxy resin	-	4.160	5.69		56894	
	inorganic material	silicondioxide	60676-86-0	38.596	52.78	58.65	527879	586533
leadfinish	non noble metal	tin	7440-31-5	0.833	1.14	1.14	11398	11398
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1827	1827
glue	plastics	maleimide resin	-	0.160	0.22		2182	
	noble metal	silver	7440-22-4	0.779	1.07	1.29	10652	12834
*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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