

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRS21094STRPBF	**Issued**	27. April 2022
MA#	MA005739714		
Package	PG-DSO-14-903	**Weight***	141.14 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	1.916	1.36	1.36	13577	13577
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		121	
	non noble metal	zinc	7440-66-6	0.069	0.05		486	
	non noble metal	iron	7439-89-6	1.372	0.97		9719	
	non noble metal	copper	7440-50-8	55.701	39.46	40.49	394638	404964
wire	non noble metal	copper	7440-50-8	0.164	0.12	0.12	1160	1160
encapsulation	organic material	carbon black	1333-86-4	0.238	0.17		1683	
	plastics	epoxy resin	-	7.680	5.44		54413	
	inorganic material	silicondioxide	60676-86-0	71.258	50.49	56.10	504864	560960
leadfinish	non noble metal	tin	7440-31-5	1.595	1.13	1.13	11299	11299
plating	noble metal	silver	7440-22-4	0.228	0.16	0.16	1612	1612
glue	plastics	maleimide resin	-	0.154	0.11		1093	
	noble metal	silver	7440-22-4	0.753	0.53	0.64	5335	6428
*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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