

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRS21091STRPBF	**Issued**	27. April 2022
MA#	MA005739718		
Package	PG-DSO-8-910	**Weight***	73.09 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	2.62	2.62	26220	26220
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		8593	
	non noble metal	copper	7440-50-8	25.502	34.89	35.80	348931	358061
wire	non noble metal	copper	7440-50-8	0.119	0.16	0.16	1624	1624
encapsulation	organic material	carbon black	1333-86-4	0.129	0.18		1765	
	plastics	epoxy resin	-	4.172	5.71		57080	
	inorganic material	silicondioxide	60676-86-0	38.707	52.97	58.86	529605	588450
leadfinish	non noble metal	tin	7440-31-5	0.833	1.14	1.14	11403	11403
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1828	1828
glue	plastics	maleimide resin	-	0.154	0.21		2110	
	noble metal	silver	7440-22-4	0.753	1.03	1.24	10304	12414
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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