

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRS2186STRPBF	**Issued**	27. April 2022
MA#	MA005740211		
Package	PG-DSO-8-910	**Weight***	73.53 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	3.586	4.88	4.88	48762	48762
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		107	
	non noble metal	zinc	7440-66-6	0.031	0.04		427	
	non noble metal	iron	7439-89-6	0.628	0.85		8542	
	non noble metal	copper	7440-50-8	25.502	34.68	35.58	346828	355904
wire	non noble metal	copper	7440-50-8	0.124	0.17	0.17	1687	1687
encapsulation	organic material	carbon black	1333-86-4	0.124	0.17		1690	
	plastics	epoxy resin	-	4.017	5.46		54632	
	inorganic material	silicondioxide	60676-86-0	37.272	50.71	56.34	506891	563213
leadfinish	non noble metal	tin	7440-31-5	0.833	1.13	1.13	11334	11334
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1817	1817
glue	plastics	maleimide resin	-	0.216	0.29		2938	
	noble metal	silver	7440-22-4	1.055	1.43	1.72	14345	17283
*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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