

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRS2181STRPBF	**Issued**	27. April 2022
MA#	MA005740207		
Package	PG-DSO-8-910	**Weight***	73.24 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	2.504	3.42	3.42	34192	34192
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		8576	
	non noble metal	copper	7440-50-8	25.502	34.82	35.73	348220	357332
wire	non noble metal	copper	7440-50-8	0.110	0.15	0.15	1496	1496
encapsulation	organic material	carbon black	1333-86-4	0.127	0.17		1739	
	plastics	epoxy resin	-	4.117	5.62		56218	
	inorganic material	silicondioxide	60676-86-0	38.201	52.17	57.96	521613	579570
leadfinish	non noble metal	tin	7440-31-5	0.833	1.14	1.14	11379	11379
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1824	1824
glue	plastics	maleimide resin	-	0.177	0.24		2415	
	noble metal	silver	7440-22-4	0.864	1.18	1.42	11792	14207
*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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