



Material Content Data Sheet



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:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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