



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IRS21064STRPBF	<b>Issued</b>	09. February 2022
<b>MA#</b>	MA005585171		
<b>Package</b>	PG-DSO-14-903	<b>Weight*</b>	141.12 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	1.889	1.34	1.34	13388	13388
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		122	
	non noble metal	zinc	7440-66-6	0.069	0.05		486	
	non noble metal	iron	7439-89-6	1.372	0.97		9721	
	non noble metal	copper	7440-50-8	55.701	39.47	40.50	394696	405025
wire	non noble metal	copper	7440-50-8	0.154	0.11	0.11	1089	1089
encapsulation	organic material	carbon black	1333-86-4	0.238	0.17		1684	
	plastics	epoxy resin	-	7.684	5.44		54448	
	inorganic material	silicondioxide	60676-86-0	71.293	50.52	56.13	505183	561315
leadfinish	non noble metal	tin	7440-31-5	1.595	1.13	1.13	11301	11301
plating	noble metal	silver	7440-22-4	0.228	0.16	0.16	1612	1612
glue	plastics	maleimide resin	-	0.150	0.11		1066	
	noble metal	silver	7440-22-4	0.734	0.52	0.63	5204	6270
*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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