



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IRS2003STRPBF	<b>Issued</b>	22. April 2022
<b>MA#</b>	MA005739199		
<b>Package</b>	PG-DSO-8-910	<b>Weight*</b>	72.96 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	1.455	1.99	1.99	19938	19938
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		108	
	non noble metal	zinc	7440-66-6	0.031	0.04		430	
	non noble metal	iron	7439-89-6	0.628	0.86		8608	
	non noble metal	copper	7440-50-8	25.502	34.95	35.86	349528	358674
wire	non noble metal	copper	7440-50-8	0.121	0.17	0.17	1656	1656
encapsulation	organic material	carbon black	1333-86-4	0.130	0.18		1787	
	plastics	epoxy resin	-	4.215	5.78		57775	
	inorganic material	silicondioxide	60676-86-0	39.112	53.62	59.58	536053	595615
leadfinish	non noble metal	tin	7440-31-5	0.833	1.14	1.14	11422	11422
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1831	1831
glue	plastics	maleimide resin	-	0.135	0.18		1847	
	noble metal	silver	7440-22-4	0.658	0.90	1.08	9017	10864
*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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