



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IRS21814STRPBF	<b>Issued</b>	17. February 2022
<b>MA#</b>	MA005678468		
<b>Package</b>	PG-DSO-14-903	<b>Weight*</b>	141.00 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	1.792	1.27	1.27	12707	12707
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		9729	
	non noble metal	copper	7440-50-8	55.701	39.50	40.53	395039	405376
wire	non noble metal	copper	7440-50-8	0.149	0.11	0.11	1054	1054
encapsulation	organic material	carbon black	1333-86-4	0.238	0.17		1691	
	plastics	epoxy resin	-	7.709	5.47		54673	
	inorganic material	silicondioxide	60676-86-0	71.526	50.73	56.37	507278	563642
leadfinish	non noble metal	tin	7440-31-5	1.595	1.13	1.13	11311	11311
plating	noble metal	silver	7440-22-4	0.228	0.16	0.16	1614	1614
glue	plastics	maleimide resin	-	0.103	0.07		730	
	noble metal	silver	7440-22-4	0.503	0.36	0.43	3566	4296
*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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