



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IRS2113STRPBF	<b>Issued</b>	08. February 2022
<b>MA#</b>	MA005728787		
<b>Package</b>	PG-DSO-16-904	<b>Weight*</b>	460.90 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	2.089	0.45	0.45	4533	4533
leadframe	inorganic material	phosphorus	7723-14-0	0.045	0.01		99	
	non noble metal	zinc	7440-66-6	0.182	0.04		395	
	non noble metal	iron	7439-89-6	3.638	0.79		7892	
	non noble metal	copper	7440-50-8	147.704	32.05	32.89	320468	328854
wire	non noble metal	copper	7440-50-8	0.317	0.07	0.07	688	688
encapsulation	organic material	carbon black	1333-86-4	0.906	0.20		1965	
	plastics	epoxy resin	-	29.281	6.35		63531	
	inorganic material	silicondioxide	60676-86-0	271.682	58.95	65.50	589459	654955
leadfinish	non noble metal	tin	7440-31-5	3.737	0.81	0.81	8108	8108
plating	noble metal	silver	7440-22-4	0.656	0.14	0.14	1423	1423
glue	plastics	maleimide resin	-	0.113	0.02		245	
	noble metal	silver	7440-22-4	0.550	0.12	0.14	1194	1439
*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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