



## Material Content Data Sheet



Halogen-Free

Sales Product Name	IRS2011STRPBF	Issued	27. April 2022
MA#	MA005727355		
Package	PG-DSO-8-910	Weight*	73.05 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	1.708	2.34	2.34	23384	23384
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		8598	
	non noble metal	copper	7440-50-8	25.502	34.91	35.82	349133	358268
wire	non noble metal	copper	7440-50-8	0.136	0.19	0.19	1859	1859
encapsulation	organic material	carbon black	1333-86-4	0.130	0.18		1774	
	plastics	epoxy resin	-	4.191	5.74		57373	
	inorganic material	silicondioxide	60676-86-0	38.884	53.23	59.15	532331	591478
leadfinish	non noble metal	tin	7440-31-5	0.833	1.14	1.14	11409	11409
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1829	1829
glue	plastics	maleimide resin	-	0.146	0.20		2001	
	noble metal	silver	7440-22-4	0.714	0.98	1.18	9772	11773
*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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