

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRS2184SPBF	**Issued**	27. April 2022
MA#	MA005737879		
Package	PG-DSO-8-910	**Weight***	73.24 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	2.504	3.42	3.42	34189	34189
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		107	
	non noble metal	zinc	7440-66-6	0.031	0.04		429	
	non noble metal	iron	7439-89-6	0.628	0.86		8575	
	non noble metal	copper	7440-50-8	25.502	34.82	35.73	348188	357299
wire	non noble metal	copper	7440-50-8	0.118	0.16	0.16	1614	1614
encapsulation	organic material	carbon black	1333-86-4	0.127	0.17		1738	
	plastics	epoxy resin	-	4.117	5.62		56211	
	inorganic material	silicondioxide	60676-86-0	38.199	52.16	57.95	521541	579490
leadfinish	non noble metal	tin	7440-31-5	0.833	1.14	1.14	11378	11378
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1824	1824
glue	plastics	maleimide resin	-	0.177	0.24		2415	
	noble metal	silver	7440-22-4	0.864	1.18	1.42	11791	14206
*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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