

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRS2304STRPBF	**Issued**	22. April 2022
MA#	MA005739179		
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	1.795	2.46	2.46	24576	24576
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	349106	358241
wire	non noble metal	copper	7440-50-8	0.112	0.15	0.15	1534	1534
encapsulation	organic material	carbon black	1333-86-4	0.129	0.18		1771	
	plastics	epoxy resin	-	4.183	5.73		57262	
	inorganic material	silicondioxide	60676-86-0	38.812	53.13	59.04	531302	590335
leadfinish	non noble metal	tin	7440-31-5	0.833	1.14	1.14	11408	11408
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1829	1829
glue	plastics	maleimide resin	-	0.150	0.21		2053	
	noble metal	silver	7440-22-4	0.732	1.00	1.21	10024	12077
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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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