

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRS2007SPBF	**Issued**	27. April 2022
MA#	MA005727642		
Package	PG-DSO-8-910	**Weight***	72.99 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	1.606	2.20	2.20	22000	22000
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		108	
	non noble metal	zinc	7440-66-6	0.031	0.04		430	
	non noble metal	iron	7439-89-6	0.628	0.86		8605	
	non noble metal	copper	7440-50-8	25.502	34.94	35.85	349419	358562
wire	non noble metal	copper	7440-50-8	0.097	0.13	0.13	1330	1330
encapsulation	organic material	carbon black	1333-86-4	0.130	0.18		1780	
	plastics	epoxy resin	-	4.202	5.76		57567	
	inorganic material	silicondioxide	60676-86-0	38.984	53.43	59.37	534129	593476
leadfinish	non noble metal	tin	7440-31-5	0.833	1.14	1.14	11419	11419
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1830	1830
glue	plastics	maleimide resin	-	0.141	0.19		1935	
	noble metal	silver	7440-22-4	0.690	0.94	1.13	9448	11383
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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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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