

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRS2004SPBF	**Issued**	27. April 2022
MA#	MA005729824		
Package	PG-DSO-8-910	**Weight***	72.96 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	1.455	1.99	1.99	19940	19940
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		8609	
	non noble metal	copper	7440-50-8	25.502	34.95	35.86	349547	358694
wire	non noble metal	copper	7440-50-8	0.116	0.16	0.16	1585	1585
encapsulation	organic material	carbon black	1333-86-4	0.130	0.18		1787	
	plastics	epoxy resin	-	4.215	5.78		57779	
	inorganic material	silicondioxide	60676-86-0	39.113	53.63	59.59	536096	595662
leadfinish	non noble metal	tin	7440-31-5	0.833	1.14	1.14	11423	11423
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1831	1831
glue	plastics	maleimide resin	-	0.135	0.18		1847	
	noble metal	silver	7440-22-4	0.658	0.90	1.08	9018	10865
*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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