

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRS21844STRPBF	**Issued**	27. April 2022
MA#	MA005740856		
Package	PG-DSO-14-903	**Weight***	141.30 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	1.77	1.77	17723	17723
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		121	
	non noble metal	zinc	7440-66-6	0.069	0.05		485	
	non noble metal	iron	7439-89-6	1.372	0.97		9709	
	non noble metal	copper	7440-50-8	55.701	39.42	40.45	394216	404531
wire	non noble metal	copper	7440-50-8	0.157	0.11	0.11	1111	1111
encapsulation	organic material	carbon black	1333-86-4	0.236	0.17		1669	
	plastics	epoxy resin	-	7.625	5.40		53968	
	inorganic material	silicondioxide	60676-86-0	70.751	50.07	55.64	500737	556374
leadfinish	non noble metal	tin	7440-31-5	1.595	1.13	1.13	11287	11287
plating	noble metal	silver	7440-22-4	0.228	0.16	0.16	1610	1610
glue	plastics	maleimide resin	-	0.177	0.13		1252	
	noble metal	silver	7440-22-4	0.864	0.61	0.74	6112	7364
*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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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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