



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IRS21844STRPBF	<b>Issued</b>	27. April 2022
<b>MA#</b>	MA005740856		
<b>Package</b>	PG-DSO-14-903	<b>Weight*</b>	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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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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