

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRS21531DSTRPBF	**Issued**	27. April 2022
MA#	MA005740262		
Package	PG-DSO-8-910	**Weight***	73.08 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	1.882	2.58	2.58	25753	25753
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		8595	
	non noble metal	copper	7440-50-8	25.502	34.90	35.81	348978	358110
wire	non noble metal	copper	7440-50-8	0.118	0.16	0.16	1614	1614
encapsulation	organic material	carbon black	1333-86-4	0.129	0.18		1767	
	plastics	epoxy resin	-	4.175	5.71		57132	
	inorganic material	silicondioxide	60676-86-0	38.737	53.01	58.90	530086	588985
leadfinish	non noble metal	tin	7440-31-5	0.833	1.14	1.14	11404	11404
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1828	1828
glue	plastics	maleimide resin	-	0.153	0.21		2092	
	noble metal	silver	7440-22-4	0.746	1.02	1.23	10214	12306
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com