

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRS4427STRPBF	**Issued**	27. April 2022
MA#	MA005727976		
Package	PG-DSO-8-910	**Weight***	73.02 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	1.763	2.41	2.41	24145	24145
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		8601	
	non noble metal	copper	7440-50-8	25.502	34.92	35.83	349244	358383
wire	non noble metal	copper	7440-50-8	0.089	0.12	0.12	1219	1219
encapsulation	organic material	carbon black	1333-86-4	0.129	0.18		1773	
	plastics	epoxy resin	-	4.187	5.73		57337	
	inorganic material	silicondioxide	60676-86-0	38.847	53.22	59.13	531996	591106
leadfinish	non noble metal	tin	7440-31-5	0.833	1.14	1.14	11413	11413
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1829	1829
glue	plastics	maleimide resin	-	0.148	0.20		2024	
	noble metal	silver	7440-22-4	0.721	0.99	1.19	9881	11905
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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