

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRS4427PBF	**Issued**	11. May 2022
MA#	MA005727982		
Package	PG-DIP-8-905	**Weight***	546.37 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	1.440	0.26	0.26	2636	2636
leadframe	inorganic material	phosphorus	7723-14-0	0.050	0.01		91	
	non noble metal	zinc	7440-66-6	0.200	0.04		365	
	non noble metal	iron	7439-89-6	3.992	0.73		7307	
	non noble metal	copper	7440-50-8	162.108	29.67	30.45	296700	304463
wire	non noble metal	copper	7440-50-8	0.146	0.03	0.03	268	268
encapsulation	organic material	carbon black	1333-86-4	0.742	0.14		1358	
	inorganic material	amorphous silica	7631-86-9	22.254	4.07		40730	
	plastics	epoxy resin	-	25.963	4.75		47519	
	inorganic material	silicondioxide	60676-86-0	321.938	58.93	67.89	589233	678840
leadfinish	non noble metal	tin	7440-31-5	6.562	1.20	1.20	12011	12011
plating	noble metal	silver	7440-22-4	0.354	0.06	0.06	648	648
glue	plastics	epoxy resin	-	0.186	0.03		340	
	noble metal	silver	7440-22-4	0.434	0.08	0.11	794	1134
*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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