



Material Content Data Sheet



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.
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.

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