



Material Content Data Sheet



Halogen-Free

Sales Product Name	IR2184PBF	Issued	09. February 2022
MA#	MA005591203		
Package	PG-DIP-8-905	Weight*	546.79 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	3.453	0.63	0.63	6315	6315
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		7302	
	non noble metal	copper	7440-50-8	162.108	29.65	30.43	296473	304231
wire	non noble metal	copper	7440-50-8	0.168	0.03	0.03	307	307
encapsulation	organic material	carbon black	1333-86-4	0.738	0.13		1349	
	inorganic material	amorphous silica	7631-86-9	22.132	4.05		40477	
	plastics	epoxy resin	-	25.821	4.72		47223	
	inorganic material	silicondioxide	60676-86-0	320.180	58.56	67.46	585566	674615
leadfinish	non noble metal	tin	7440-31-5	6.562	1.20	1.20	12002	12002
plating	noble metal	silver	7440-22-4	0.354	0.06	0.06	648	648
glue	plastics	epoxy resin	-	0.309	0.06		565	
	noble metal	silver	7440-22-4	0.720	0.13	0.19	1317	1882
*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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