



Material Content Data Sheet



Halogen-Free

Sales Product Name	IR2121PBF	Issued	27. April 2022
MA#	MA005731389		
Package	PG-DIP-8-905	Weight*	547.10 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	5.215	0.95	0.95	9531	9531
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		7297	
	non noble metal	copper	7440-50-8	162.108	29.63	30.41	296306	304059
wire	non noble metal	copper	7440-50-8	0.149	0.03	0.03	273	273
encapsulation	organic material	carbon black	1333-86-4	0.734	0.13		1342	
	inorganic material	amorphous silica	7631-86-9	22.030	4.03		40267	
	plastics	epoxy resin	-	25.702	4.70		46978	
	inorganic material	silicondioxide	60676-86-0	318.699	58.25	67.11	582531	671118
leadfinish	non noble metal	tin	7440-31-5	6.562	1.20	1.20	11995	11995
plating	noble metal	silver	7440-22-4	0.354	0.06	0.06	648	648
glue	plastics	epoxy resin	-	0.390	0.07		713	
	noble metal	silver	7440-22-4	0.910	0.17	0.24	1663	2376
*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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