



Material Content Data Sheet



Halogen-Free

Sales Product Name	IR2117PBF	Issued	09. February 2022
MA#	MA005592034		
Package	PG-DIP-8-905	Weight*	546.55 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	2.413	0.44	0.44	4416	4416
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		7305	
	non noble metal	copper	7440-50-8	162.108	29.66	30.44	296603	304364
wire	non noble metal	copper	7440-50-8	0.123	0.02	0.02	225	225
encapsulation	organic material	carbon black	1333-86-4	0.740	0.14		1354	
	inorganic material	amorphous silica	7631-86-9	22.195	4.06		40610	
	plastics	epoxy resin	-	25.894	4.74		47378	
	inorganic material	silicondioxide	60676-86-0	321.090	58.74	67.68	587489	676831
leadfinish	non noble metal	tin	7440-31-5	6.562	1.20	1.20	12007	12007
plating	noble metal	silver	7440-22-4	0.354	0.06	0.06	648	648
glue	plastics	epoxy resin	-	0.247	0.05		453	
	noble metal	silver	7440-22-4	0.577	0.11	0.16	1056	1509
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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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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