



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IRFP2907PBF	<b>Issued</b>	18. August 2021
<b>MA#</b>	MA005576179		
<b>Package</b>	PG-TO247-3-901	<b>Weight*</b>	5745.43 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	45.897	0.80	0.80	7988	7988
leadframe	inorganic material	phosphorus	7723-14-0	1.131	0.02		197	
	non noble metal	iron	7439-89-6	3.771	0.07		656	
	non noble metal	copper	7440-50-8	3,765.728	65.54	65.63	655431	656284
wire	non noble metal	aluminium	7429-90-5	13.908	0.24	0.24	2421	2421
encapsulation	organic material	carbon black	1333-86-4	9.427	0.16		1641	
	plastics	epoxy resin	-	377.091	6.56		65633	
	inorganic material	silicondioxide	60676-86-0	1,498.937	26.09	32.81	260892	328166
leadfinish	non noble metal	tin	7440-31-5	13.948	0.24	0.24	2428	2428
solder	non noble metal	antimony	7440-36-0	1.559	0.03		271	
	noble metal	silver	7440-22-4	3.898	0.07		678	
	non noble metal	tin	7440-31-5	10.135	0.18	0.28	1764	2713
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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