



Material Content Data Sheet



Halogen-Free

Sales Product Name	IRFP2907PBF	Issued	21. July 2021
MA#	MA005541129		
Package	PG-TO247-3-901	Weight*	5740.41 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	34.771	0.61	0.61	6057	6057
leadframe	inorganic material	phosphorus	7723-14-0	1.131	0.02		197	
	non noble metal	iron	7439-89-6	3.771	0.07		657	
	non noble metal	copper	7440-50-8	3,765.728	65.59	65.68	656004	656858
wire	non noble metal	aluminium	7429-90-5	13.906	0.24	0.24	2422	2422
encapsulation	organic material	carbon black	1333-86-4	9.475	0.17		1651	
	plastics	epoxy resin	-	379.014	6.60		66026	
	inorganic material	silicondioxide	60676-86-0	1,506.582	26.25	33.02	262452	330129
leadfinish	non noble metal	tin	7440-31-5	13.948	0.24	0.24	2430	2430
solder	non noble metal	antimony	7440-36-0	1.208	0.02		210	
	noble metal	silver	7440-22-4	3.020	0.05		526	
	non noble metal	tin	7440-31-5	7.853	0.14	0.21	1368	2104
*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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