



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IRFB3207ZGPBF	<b>Issued</b>	27. April 2022
<b>MA#</b>	MA005723293		
<b>Package</b>	PG-TO220-3-62	<b>Weight*</b>	1847.12 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	9.966	0.54	0.54	5396	5396
leadframe	inorganic material	phosphorus	7723-14-0	0.411	0.02		223	
	non noble metal	iron	7439-89-6	1.371	0.07		742	
	non noble metal	copper	7440-50-8	1,369.454	74.14	74.23	741398	742363
wire	non noble metal	aluminium	7429-90-5	8.095	0.44	0.44	4383	4383
encapsulation	organic material	carbon black	1333-86-4	2.216	0.12		1200	
	plastics	epoxy resin	-	88.627	4.80		47981	
	inorganic material	silicondioxide	60676-86-0	352.292	19.07	23.99	190724	239905
leadfinish	non noble metal	tin	7440-31-5	8.222	0.45	0.45	4451	4451
solder	non noble metal	tin	7440-31-5	0.129	0.01		70	
	noble metal	silver	7440-22-4	0.162	0.01		88	
	non noble metal	lead	7439-92-1	6.176	0.33	0.35	3344	3502
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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