



## Material Content Data Sheet



Halogen-Free

Sales Product Name	IPA60R160P7	Issued	26. June 2021
MA#	MA005575663		
Package	PG-TO220-3-317	Weight*	2105.19 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	4.950	0.24	0.24	2351	2351
leadframe	inorganic material	phosphorus	7723-14-0	0.361	0.02		171	
	non noble metal	iron	7439-89-6	1.202	0.06		571	
	non noble metal	copper	7440-50-8	1,200.685	57.02	57.10	570346	571088
wire	non noble metal	aluminium	7429-90-5	3.784	0.18	0.18	1798	1798
encapsulation	organic material	carbon black	1333-86-4	8.782	0.42		4172	
	plastics	epoxy resin	-	142.006	6.75		67455	
	inorganic material	silicondioxide	60676-86-0	732.745	34.81	41.98	348066	419693
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3747	3747
solder	non noble metal	antimony	7440-36-0	0.278	0.01		132	
	noble metal	silver	7440-22-4	0.696	0.03		331	
	non noble metal	tin	7440-31-5	1.810	0.09	0.13	860	1323
*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 does not use any exemption.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com