



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R360P7		<b>Issued</b>		23. January 2018		
<b>MA#</b>		MA001994472						
<b>Package</b>		PG-TO220-3-317		<b>Weight*</b>		2112.48 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	2.321	0.11	0.11	1099	1099
leadframe	inorganic material	phosphorus	7723-14-0	0.361	0.02		171	
	non noble metal	iron	7439-89-6	1.202	0.06		569	
	non noble metal	copper	7440-50-8	1200.685	56.83	56.91	568377	569117
	non noble metal	aluminium	7429-90-5	0.789	0.04	0.04	373	373
wire	non noble metal	aluminium	7429-90-5	0.789	0.04	0.04	373	373
encapsulation	organic material	carbon black	1333-86-4	8.961	0.42		4242	
	plastics	epoxy resin	-	143.791	6.81		68067	
	inorganic material	silicondioxide	60676-86-0	744.816	35.26	42.49	352579	424888
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3734	3734
solder	non noble metal	antimony	7440-36-0	0.167	0.01		79	
	noble metal	silver	7440-22-4	0.417	0.02		197	
	non noble metal	tin	7440-31-5	1.084	0.05	0.08	513	789
*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

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