



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R099P7		<b>Issued</b>		23. January 2018		
<b>MA#</b>		MA001686802						
<b>Package</b>		PG-TO220-3-317		<b>Weight*</b>		2133.58 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	7.092	0.33	0.33	3324	3324
leadframe	inorganic material	phosphorus	7723-14-0	0.361	0.02		169	
	non noble metal	iron	7439-89-6	1.202	0.06		563	
	non noble metal	copper	7440-50-8	1200.685	56.26	56.34	562756	563488
	non noble metal	aluminium	7429-90-5	2.882	0.14	0.14	1351	1351
wire	non noble metal	aluminium	7429-90-5	2.882	0.14	0.14	1351	1351
encapsulation	organic material	carbon black	1333-86-4	9.022	0.42		4229	
	plastics	epoxy resin	-	146.499	6.87		68664	
	inorganic material	silicondioxide	60676-86-0	754.359	35.36	42.65	353564	426457
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3697	3697
solder	non noble metal	antimony	7440-36-0	0.359	0.02		168	
	noble metal	silver	7440-22-4	0.898	0.04		421	
	non noble metal	tin	7440-31-5	2.334	0.11	0.17	1094	1683
*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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