



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R330P6		<b>Issued</b>		17. April 2015			
<b>MA#</b>		MA001356022							
<b>Package</b>		PG-TO220-3-253		<b>Weight*</b>		2134.64 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	5.001	0.23	0.23	2343	2343	
leadframe	non noble metal	iron	7439-89-6	1.431	0.07		670		
	inorganic material	phosphorus	7723-14-0	0.429	0.02		201		
	non noble metal	copper	7440-50-8	1428.770	66.93	67.02	669325	670196	
wire	non noble metal	aluminium	7429-90-5	0.794	0.04	0.04	372	372	
encapsulation	organic material	carbon black	1333-86-4	3.360	0.16		1574		
	plastics	epoxy resin	-	131.022	6.14		61379		
	inorganic material	silicondioxide	60676-86-0	537.524	25.18	31.48	251810	314763	
leadfinish	non noble metal	tin	7440-31-5	21.731	1.02	1.02	10180	10180	
plating	non noble metal	nickel	7440-02-0	1.786	0.08	0.08	837	837	
solder	non noble metal	antimony	7440-36-0	0.280	0.01		131		
	noble metal	silver	7440-22-4	0.699	0.03		327		
	non noble metal	tin	7440-31-5	1.818	0.09	0.13	851	1309	
*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 2011/65/EU (RoHS) and does not use any exemption.

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