



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R230P6		<b>Issued</b>		19. January 2018			
<b>MA#</b>		MA001132214							
<b>Package</b>		PG-TO220-3-253		<b>Weight*</b>		2134.94 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	6.823	0.32	0.32	3196	3196	
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	66.91	67.00	669232	670103	
wire	non noble metal	aluminium	7429-90-5	2.992	0.14	0.14	1401	1401	
encapsulation	organic material	carbon black	1333-86-4	3.339	0.16		1564		
	plastics	epoxy resin	-	130.217	6.10		60993		
	inorganic material	silicondioxide	60676-86-0	534.224	25.02	31.28	250229	312786	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.01	1.01	10053	10053	
plating	non noble metal	nickel	7440-02-0	1.764	0.08	0.08	826	826	
solder	non noble metal	antimony	7440-36-0	0.349	0.02		163		
	noble metal	silver	7440-22-4	0.872	0.04		409		
	non noble metal	tin	7440-31-5	2.268	0.11	0.17	1063	1635	
*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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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

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