



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R600E6		<b>Issued</b>		25. September 2017			
<b>MA#</b>		MA001291188							
<b>Package</b>		PG-TO220-3-253		<b>Weight*</b>		2133.60 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	3.063	0.14	0.14	1435	1435	
leadframe	non noble metal	iron	7439-89-6	1.431	0.07		671		
	inorganic material	phosphorus	7723-14-0	0.429	0.02		201		
	non noble metal	copper	7440-50-8	1428.770	66.97	67.06	669653	670525	
wire	non noble metal	aluminium	7429-90-5	7.886	0.37	0.37	3696	3696	
encapsulation	organic material	carbon black	1333-86-4	3.334	0.16		1563		
	plastics	epoxy resin	-	130.025	6.09		60942		
	inorganic material	silicondioxide	60676-86-0	533.436	25.00	31.25	250017	312522	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.01	1.01	10059	10059	
plating	non noble metal	nickel	7440-02-0	1.764	0.08	0.08	827	827	
solder	non noble metal	antimony	7440-36-0	0.200	0.01		94		
	noble metal	silver	7440-22-4	0.499	0.02		234		
	non noble metal	tin	7440-31-5	1.297	0.06	0.09	608	936	
*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