



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R160C6		<b>Issued</b>		29. August 2013			
<b>MA#</b>		MA001075746							
<b>Package</b>		PG-TO220-3-253		<b>Weight*</b>		2135.63 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	9.083	0.43	0.43	4253	4253	
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	66.89	66.98	669014	669885	
wire	non noble metal	aluminium	7429-90-5	2.906	0.14	0.14	1361	1361	
encapsulation	organic material	carbon black	1333-86-4	3.328	0.16		1558		
	plastics	epoxy resin	-	129.778	6.08		60768		
	inorganic material	silicondioxide	60676-86-0	532.421	24.93	31.17	249303	311629	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.00	1.00	10050	10050	
plating	non noble metal	nickel	7440-02-0	1.764	0.08	0.08	826	826	
solder	non noble metal	antimony	7440-36-0	0.426	0.02		200		
	noble metal	silver	7440-22-4	1.065	0.05		499		
	non noble metal	tin	7440-31-5	2.770	0.13	0.20	1297	1996	
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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.

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