



## Material Content Data Sheet



<b>Sales Product Name</b>		IPU60R1K4C6		<b>Issued</b>		29. August 2013		
<b>MA#</b>		MA000984554						
<b>Package</b>		PG-TO251-3-341		<b>Weight*</b>		381.14 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	1.624	0.43	0.43	4261	4261
leadframe	non noble metal	iron	7439-89-6	0.248	0.07		652	
	inorganic material	phosphorus	7723-14-0	0.075	0.02		196	
	non noble metal	copper	7440-50-8	248.124	65.10	65.19	651008	651856
wire	non noble metal	aluminium	7429-90-5	0.406	0.11	0.11	1066	1066
encapsulation	inorganic material	antimonytrioxide	1309-64-4	1.743	0.46		4574	
	plastics	brominated resin	-	1.868	0.49		4901	
	organic material	carbon black	1333-86-4	1.992	0.52		5227	
	plastics	epoxy resin	-	16.811	4.41		44107	
	inorganic material	silicondioxide	60676-86-0	102.110	26.79	32.67	267908	326717
leadfinish	non noble metal	tin	7440-31-5	3.740	0.98	0.98	9813	9813
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1335	1335
solder	noble metal	silver	7440-22-4	0.047	0.01		124	
	non noble metal	tin	7440-31-5	0.038	0.01		99	
	non noble metal	lead	7439-92-1	1.802	0.47	0.49	4729	4952
*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