



## Material Content Data Sheet



<b>Sales Product Name</b>		IPU60R1K4C6		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA001348748						
<b>Package</b>		PG-TO251-3-341		<b>Weight*</b>		387.82 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	0.42	0.42	4188	4188
leadframe	non noble metal	iron	7439-89-6	0.248	0.06		641	
	inorganic material	phosphorus	7723-14-0	0.075	0.02		192	
	non noble metal	copper	7440-50-8	248.124	63.99	64.07	639795	640628
wire	non noble metal	aluminium	7429-90-5	3.936	1.01	1.01	10150	10150
encapsulation	organic material	carbon black	1333-86-4	0.383	0.10		988	
	plastics	epoxy resin	-	11.618	3.00		29958	
	inorganic material	silicondioxide	60676-86-0	115.672	29.83	32.93	298265	329211
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9644	9644
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1312	1312
solder	noble metal	silver	7440-22-4	0.047	0.01		122	
	non noble metal	tin	7440-31-5	0.038	0.01		97	
	non noble metal	lead	7439-92-1	1.802	0.46	0.48	4648	4867
*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.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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