



Material Content Data Sheet



Sales Product Name		IPA60R280C6		Issued		27. March 2015			
MA#		MA001325856							
Package		PG-TO220-3-312		Weight*		2057.49 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	5.826	0.28	0.28	2831	2831	
leadframe	non noble metal	iron	7439-89-6	0.949	0.05		461		
	inorganic material	phosphorus	7723-14-0	0.285	0.01		138		
	non noble metal	copper	7440-50-8	947.445	46.04	46.10	460483	461084	
wire	non noble metal	aluminium	7429-90-5	3.018	0.15	0.15	1467	1467	
encapsulation	organic material	carbon black	1333-86-4	10.857	0.53		5277		
	plastics	epoxy resin	-	173.708	8.44		84427		
	inorganic material	silicondioxide	60676-86-0	901.110	43.80	52.77	437964	527668	
leadfinish	non noble metal	tin	7440-31-5	11.095	0.54	0.54	5392	5392	
plating	non noble metal	copper	7440-50-8	0.083	0.00		41		
	non noble metal	iron	7439-89-6	0.000	0.00		1		
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.00	1	41	
solder	non noble metal	antimony	7440-36-0	0.312	0.02		152		
	noble metal	silver	7440-22-4	0.780	0.04		379		
	non noble metal	tin	7440-31-5	2.028	0.10	0.16	986	1517	
*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 2011/65/EU (RoHS) and does not use any exemption.

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