



Material Content Data Sheet



Sales Product Name		IPA60R160C6		Issued		4. October 2016		
MA#		MA001510286						
Package		PG-TO220-3-317		Weight*		2133.36 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	9.747	0.46	0.46	4569	4569
leadframe	non noble metal	iron	7439-89-6	1.202	0.06		564	
	inorganic material	phosphorus	7723-14-0	0.361	0.02		169	
	non noble metal	copper	7440-50-8	1200.685	56.27	56.35	562816	563549
wire	non noble metal	aluminium	7429-90-5	29.597	1.39	1.39	13873	13873
encapsulation	organic material	carbon black	1333-86-4	8.665	0.41		4062	
	plastics	epoxy resin	-	142.231	6.67		66670	
	inorganic material	silicondioxide	60676-86-0	728.426	34.14	41.22	341446	412178
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3698	3698
solder	non noble metal	antimony	7440-36-0	0.455	0.02		213	
	noble metal	silver	7440-22-4	1.138	0.05		533	
	non noble metal	tin	7440-31-5	2.959	0.14	0.21	1387	2133
*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