



Material Content Data Sheet



Sales Product Name				IPA60R950C6		Issued		26. September 2017	
MA#				MA001501288					
Package				PG-TO220-3-313		Weight*		2216.97 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	2.144	0.10	0.10	967	967	
leadframe	non noble metal	iron	7439-89-6	0.903	0.04		407		
	inorganic material	phosphorus	7723-14-0	0.271	0.01		122		
	non noble metal	copper	7440-50-8	902.149	40.69	40.74	406930	407459	
wire	non noble metal	aluminium	7429-90-5	7.968	0.36	0.36	3594	3594	
encapsulation	organic material	carbon black	1333-86-4	2.304	0.10		1039		
	plastics	epoxy resin	-	215.798	9.73		97340		
	inorganic material	silicondioxide	60676-86-0	929.252	41.92	51.75	419154	517533	
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3553	3553	
plating	non noble metal	nickel	7440-02-0	1.656	0.07	0.07	747	747	
solder	non noble metal	antimony	7440-36-0	0.158	0.01		71		
	noble metal	silver	7440-22-4	0.396	0.02		179		
	non noble metal	tin	7440-31-5	1.029	0.05	0.08	464	714	
heatspreader	non noble metal	iron	7439-89-6	0.145	0.01		65		
	inorganic material	phosphorus	7723-14-0	0.044	0.00		20		
	non noble metal	copper	7440-50-8	144.874	6.53	6.54	65348	65433	
*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 does not use any exemption

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