



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R280E6		<b>Issued</b>		23. May 2016			
<b>MA#</b>		MA001500098							
<b>Package</b>		PG-TO220-3-317		<b>Weight*</b>		2134.79 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	0.27	0.27	2729	2729	
leadframe	non noble metal	iron	7439-89-6	1.202	0.06		563		
	inorganic material	phosphorus	7723-14-0	0.361	0.02		169		
	non noble metal	copper	7440-50-8	1200.685	56.23	56.31	562438	563170	
wire	non noble metal	aluminium	7429-90-5	29.658	1.39	1.39	13893	13893	
encapsulation	organic material	carbon black	1333-86-4	8.796	0.41		4120		
	plastics	epoxy resin	-	142.538	6.68		66769		
	inorganic material	silicondioxide	60676-86-0	734.715	34.42	41.51	344163	415052	
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3695	3695	
solder	non noble metal	antimony	7440-36-0	0.312	0.01		146		
	noble metal	silver	7440-22-4	0.780	0.04		365		
	non noble metal	tin	7440-31-5	2.028	0.10	0.15	950	1461	
*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.
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Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com