



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R280E6		<b>Issued</b>		24. January 2018			
<b>MA#</b>		MA001708820							
<b>Package</b>		PG-TO220-3-317		<b>Weight*</b>		2128.75 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	2737	2737	
leadframe	inorganic material	phosphorus	7723-14-0	0.361	0.02		169		
	non noble metal	iron	7439-89-6	1.202	0.06		565		
	non noble metal	copper	7440-50-8	1200.685	56.40	56.48	564032	564766	
	non noble metal	aluminium	7429-90-5	2.966	0.14	0.14	1393	1393	
wire	non noble metal	aluminium	7429-90-5	2.966	0.14	0.14	1393	1393	
encapsulation	organic material	carbon black	1333-86-4	9.006	0.42		4231		
	plastics	epoxy resin	-	145.801	6.85		68491		
	inorganic material	silicondioxide	60676-86-0	751.898	35.32	42.59	353210	425932	
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3706	3706	
solder	non noble metal	antimony	7440-36-0	0.312	0.01		147		
	noble metal	silver	7440-22-4	0.780	0.04		366		
	non noble metal	tin	7440-31-5	2.028	0.10	0.15	953	1466	
*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