



## Material Content Data Sheet



<b>Sales Product Name</b>				IPW65R019C7		<b>Issued</b>		26. September 2017	
<b>MA#</b>				MA001043880					
<b>Package</b>				PG-TO247-3-44		<b>Weight*</b>		6078.07 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	35.362	0.58	0.58	5818	5818	
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		87		
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26		
	non noble metal	copper	7440-50-8	529.068	8.70	8.71	87045	87158	
wire	non noble metal	aluminium	7429-90-5	163.555	2.69	2.69	26909	26909	
encapsulation	organic material	carbon black	1333-86-4	18.335	0.30		3017		
	plastics	epoxy resin	-	348.371	5.73		57316		
	inorganic material	silicondioxide	60676-86-0	1466.825	24.13	30.16	241331	301664	
leadfinish	non noble metal	tin	7440-31-5	31.874	0.52	0.52	5244	5244	
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4782	4782	
solder	non noble metal	antimony	7440-36-0	1.244	0.02		205		
	noble metal	silver	7440-22-4	3.111	0.05		512		
	non noble metal	tin	7440-31-5	8.089	0.13	0.20	1331	2048	
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		566		
	inorganic material	phosphorus	7723-14-0	1.033	0.02		170		
	non noble metal	copper	7440-50-8	3438.006	56.58	56.66	565641	566377	
*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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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

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