



## Material Content Data Sheet



<b>Sales Product Name</b>				IKW75N65EH5		<b>Issued</b>		24. January 2018	
<b>MA#</b>				MA001656808					
<b>Package</b>				PG-TO247-3-41		<b>Weight*</b>		6050.75 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	6.701	0.11	0.11	1108	1108	
leadframe	inorganic material	phosphorus	7723-14-0	0.159	0.00		26		
	non noble metal	iron	7439-89-6	0.530	0.01		88		
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87438	87552	
	non noble metal	aluminium	7429-90-5	15.779	0.26	0.26	2608	2608	
wire	organic material	carbon black	1333-86-4	19.896	0.33		3288		
encapsulation	plastics	epoxy resin	-	378.027	6.25		62476		
	inorganic material	silicondioxide	60676-86-0	1591.691	26.31	32.89	263057	328821	
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5268	5268	
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4803	4803	
solder	non noble metal	antimony	7440-36-0	0.548	0.01		91		
	noble metal	silver	7440-22-4	1.370	0.02		226		
	non noble metal	tin	7440-31-5	3.561	0.06	0.09	588	905	
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171		
	non noble metal	iron	7439-89-6	3.442	0.06		569		
	non noble metal	copper	7440-50-8	3438.006	56.81	56.89	568195	568935	
*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