



Material Content Data Sheet



Sales Product Name		IKW30N65EL5		Issued		19. July 2018		
MA#		MA001583208						
Package		PG-TO247-3-41		Weight*		6059.36 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	3.491	0.06	0.06	576	576
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	8.73	8.74	87314	87427
wire	non noble metal	aluminium	7429-90-5	111.775	1.84	1.84	18447	18447
encapsulation	organic material	carbon black	1333-86-4	19.079	0.31		3149	
	plastics	epoxy resin	-	362.509	5.98		59826	
	inorganic material	silicondioxide	60676-86-0	1526.352	25.19	31.48	251900	314875
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5260	5260
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4797	4797
solder	non noble metal	antimony	7440-36-0	0.297	0.00		49	
	noble metal	silver	7440-22-4	0.744	0.01		123	
	non noble metal	tin	7440-31-5	1.933	0.03	0.04	319	491
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		568	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		170	
	non noble metal	copper	7440-50-8	3438.006	56.75	56.83	567389	568127
*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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