



Material Content Data Sheet



Sales Product Name		IGW75N65H5		Issued		19. January 2018		
MA#		MA001696374						
Package		PG-TO247-3-41		Weight*		6047.92 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	3.773	0.06	0.06	624	624
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	8.75	8.76	87479	87593
	non noble metal	aluminium	7429-90-5	11.805	0.20	0.20	1952	1952
wire	non noble metal	aluminium	7429-90-5	11.805	0.20	0.20	1952	1952
encapsulation	organic material	carbon black	1333-86-4	19.961	0.33		3301	
	plastics	epoxy resin	-	379.268	6.27		62710	
	inorganic material	silicondioxide	60676-86-0	1596.919	26.40	33.00	264044	330055
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5270	5270
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4806	4806
solder	non noble metal	antimony	7440-36-0	0.302	0.00		50	
	noble metal	silver	7440-22-4	0.755	0.01		125	
	non noble metal	tin	7440-31-5	1.964	0.03	0.04	325	500
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	56.85	56.93	568460	569200
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com