



Material Content Data Sheet



Sales Product Name		IDH04G65C6		Issued		25. January 2018		
MA#		MA001601376						
Package		PG-TO220-2-1		Weight*		2000.49 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.005	0.00		3	
	noble metal	gold	7440-57-5	0.020	0.00		10	
	inorganic material	silicon	7440-21-3	0.216	0.01	0.01	108	121
leadframe	inorganic material	phosphorus	7723-14-0	0.226	0.01		113	
	non noble metal	iron	7439-89-6	0.753	0.04		376	
	non noble metal	copper	7440-50-8	751.797	37.58	37.63	375806	376295
wire	non noble metal	aluminium	7429-90-5	0.111	0.01	0.01	56	56
encapsulation	organic material	carbon black	1333-86-4	1.285	0.06		642	
	plastics	epoxy resin	-	59.104	2.95		29545	
	inorganic material	silicondioxide	60676-86-0	582.049	29.10	32.11	290954	321141
leadfinish	non noble metal	tin	7440-31-5	14.487	0.72	0.72	7242	7242
plating	inorganic material	phosphorus	7723-14-0	0.000	0.00		1	
	non noble metal	nickel	7440-02-0	0.198	0.01	0.01	99	100
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		89	
	non noble metal	iron	7439-89-6	0.590	0.03		295	
	non noble metal	copper	7440-50-8	589.466	29.47	29.51	294661	295045
*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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