



Material Content Data Sheet



Sales Product Name				IDH04G65C5		Issued		26. August 2018	
MA#				MA001637734					
Package				PG-TO220-2-1		Weight*		2000.50 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	0.007	0.00		3		
	noble metal	gold	7440-57-5	0.026	0.00		13		
	inorganic material	silicon	7440-21-3	0.273	0.01	0.01	136	152	
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	37.59	37.64	375804	376293	
wire	non noble metal	aluminium	7429-90-5	0.112	0.01	0.01	56	56	
encapsulation	organic material	carbon black	1333-86-4	1.285	0.06		642		
	plastics	epoxy resin	-	59.100	2.95		29542		
	inorganic material	silicondioxide	60676-86-0	582.003	29.09	32.10	290929	321113	
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	294660	295044	
*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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