



Material Content Data Sheet



Sales Product Name				IDH06G65C5		Issued		13. August 2018	
MA#				MA001637718					
Package				PG-TO220-2-1		Weight*		2000.54 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	0.009	0.00		5		
	noble metal	gold	7440-57-5	0.036	0.00		18		
	inorganic material	silicon	7440-21-3	0.383	0.02	0.02	191	214	
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	375795	376284	
wire	non noble metal	aluminium	7429-90-5	0.446	0.02	0.02	223	223	
encapsulation	organic material	carbon black	1333-86-4	1.284	0.06		642		
	plastics	epoxy resin	-	59.062	2.95		29523		
	inorganic material	silicondioxide	60676-86-0	581.630	29.07	32.08	290736	320901	
leadfinish	non noble metal	tin	7440-31-5	14.487	0.72	0.72	7241	7241	
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	294653	295037	
*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

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