



## Material Content Data Sheet



<b>Sales Product Name</b>		IDK04G65C5		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA000988682						
<b>Package</b>		PG-TO263-2-1		<b>Weight*</b>		1465.64 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	siliconcarbide	409-21-2	0.376	0.03		257	
	noble metal	gold	7440-57-5	0.026	0.00		18	
	non noble metal	tin	7440-31-5	0.007	0.00	0.03	5	280
leadframe	non noble metal	iron	7439-89-6	0.751	0.05		512	
	inorganic material	phosphorus	7723-14-0	0.225	0.02		154	
	non noble metal	copper	7440-50-8	749.949	51.17	51.24	511687	512353
wire	non noble metal	aluminium	7429-90-5	0.108	0.01	0.01	74	74
	encapsulation	organic material	carbon black	1333-86-4	8.370	0.57		5711
	plastics	epoxy resin	-	92.075	6.28		62822	
	inorganic material	silicondioxide	60676-86-0	457.583	31.22	38.07	312208	380741
	leadfinish	non noble metal	tin	7440-31-5	11.700	0.80	0.80	7983
plating	inorganic material	phosphorus	7723-14-0	0.007	0.00		5	
	non noble metal	nickel	7440-02-0	2.778	0.19	0.19	1895	1900
heatspreader	non noble metal	iron	7439-89-6	0.142	0.01		97	
	inorganic material	phosphorus	7723-14-0	0.043	0.00		29	
	non noble metal	copper	7440-50-8	141.498	9.65	9.66	96543	96669
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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