



## Material Content Data Sheet



<b>Sales Product Name</b>		IDK04G65C5		<b>Issued</b>		26. August 2018		
<b>MA#</b>		MA001675326						
<b>Package</b>		PG-TO263-2-1		<b>Weight*</b>		1497.34 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		4	
	noble metal	gold	7440-57-5	0.026	0.00		17	
	inorganic material	silicon	7440-21-3	0.273	0.02	0.02	182	203
leadframe	inorganic material	phosphorus	7723-14-0	0.225	0.02		150	
	non noble metal	iron	7439-89-6	0.751	0.05		502	
	non noble metal	copper	7440-50-8	749.949	50.08	50.15	500856	501508
wire	non noble metal	aluminium	7429-90-5	0.111	0.01	0.01	74	74
encapsulation	organic material	carbon black	1333-86-4	1.180	0.08		788	
	plastics	epoxy resin	-	54.264	3.62		36241	
	inorganic material	silicondioxide	60676-86-0	534.387	35.69	39.39	356891	393920
leadfinish	non noble metal	tin	7440-31-5	11.700	0.78	0.78	7814	7814
plating	inorganic material	phosphorus	7723-14-0	0.007	0.00		4	
	non noble metal	nickel	7440-02-0	2.778	0.19	0.19	1855	1859
heatspreader	inorganic material	phosphorus	7723-14-0	0.043	0.00		28	
	non noble metal	iron	7439-89-6	0.142	0.01		95	
	non noble metal	copper	7440-50-8	141.498	9.45	9.46	94499	94622
*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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