



## Material Content Data Sheet



<b>Sales Product Name</b>		IDK08G65C5		<b>Issued</b>		19. July 2018			
<b>MA#</b>		MA000989336							
<b>Package</b>		PG-TO263-2-1		<b>Weight*</b>		1465.79 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	0.606	0.04		413		
	noble metal	gold	7440-57-5	0.046	0.00		31		
	non noble metal	tin	7440-31-5	0.012	0.00	0.04	8	452	
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	511636	512302	
wire	non noble metal	aluminium	7429-90-5	0.433	0.03	0.03	296	296	
encapsulation	organic material	carbon black	1333-86-4	8.364	0.57		5706		
	plastics	epoxy resin	-	92.004	6.28		62767		
	inorganic material	silicondioxide	60676-86-0	457.230	31.19	38.04	311935	380408	
leadfinish	non noble metal	tin	7440-31-5	11.700	0.80	0.80	7982	7982	
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	96534	96660	
*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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