



## Material Content Data Sheet



<b>Sales Product Name</b>				IDK02G65C5		<b>Issued</b>		26. August 2018	
<b>MA#</b>				MA001675324					
<b>Package</b>				PG-TO263-2-1		<b>Weight*</b>		1497.31 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	0.004	0.00		3		
	noble metal	gold	7440-57-5	0.015	0.00		10		
	inorganic material	silicon	7440-21-3	0.163	0.01	0.01	109	122	
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	500864	501516	
wire	non noble metal	aluminium	7429-90-5	0.112	0.01	0.01	74	74	
encapsulation	organic material	carbon black	1333-86-4	1.180	0.08		788		
	plastics	epoxy resin	-	54.273	3.62		36247		
	inorganic material	silicondioxide	60676-86-0	534.475	35.70	39.40	356956	393991	
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	94501	94624	
*deviation	< 10%			Sum in total:		100.00		1000000	

### Important Remarks:

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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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