



## Material Content Data Sheet



<b>Sales Product Name</b>				IDL02G65C5		<b>Issued</b>		19. January 2018	
<b>MA#</b>				MA001641028					
<b>Package</b>				PG-VSON-4-1		<b>Weight*</b>		184.03 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		21		
	noble metal	gold	7440-57-5	0.015	0.01		83		
	inorganic material	siliconcarbide	409-21-2	0.225	0.12	0.13	1220	1324	
leadframe	inorganic material	phosphorus	7723-14-0	0.013	0.01		69		
	non noble metal	zinc	7440-66-6	0.051	0.03		276		
	non noble metal	iron	7439-89-6	1.017	0.55		5527		
	non noble metal	copper	7440-50-8	41.300	22.44	23.03	224420	230292	
wire	non noble metal	copper	7440-50-8	0.166	0.09	0.09	900	900	
encapsulation	organic material	carbon black	1333-86-4	0.227	0.12		1234		
	plastics	epoxy resin	-	11.694	6.35		63544		
	inorganic material	silicondioxide	60676-86-0	101.614	55.22	61.69	552154	616932	
leadfinish	non noble metal	tin	7440-31-5	2.397	1.30	1.30	13028	13028	
plating	noble metal	silver	7440-22-4	0.252	0.14	0.14	1369	1369	
heatspreader	inorganic material	phosphorus	7723-14-0	0.008	0.00		41		
	non noble metal	zinc	7440-66-6	0.030	0.02		163		
	non noble metal	iron	7439-89-6	0.601	0.33		3268		
	non noble metal	copper	7440-50-8	24.418	13.27	13.62	132683	136155	
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com