



## Material Content Data Sheet



<b>Sales Product Name</b>		IDL10G65C5		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA001079960						
<b>Package</b>		PG-VSON-4-1		<b>Weight*</b>		184.35 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	noble metal	gold	7440-57-5	0.055	0.03		298	
	non noble metal	tin	7440-31-5	0.014	0.01		77	
	inorganic material	silicon	7440-21-3	0.585	0.32	0.36	3174	3549
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		5517	
	non noble metal	copper	7440-50-8	41.300	22.40	22.99	224029	229891
wire	non noble metal	copper	7440-50-8	0.530	0.29	0.29	2875	2875
encapsulation	organic material	carbon black	1333-86-4	0.226	0.12		1227	
	plastics	epoxy resin	-	11.647	6.32		63180	
	inorganic material	silicondioxide	60676-86-0	101.207	54.88	61.32	548988	613395
leadfinish	non noble metal	tin	7440-31-5	2.397	1.30	1.30	13005	13005
plating	noble metal	silver	7440-22-4	0.252	0.14	0.14	1367	1367
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		3262	
	non noble metal	copper	7440-50-8	24.418	13.25	13.60	132452	135918
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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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

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