



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IDL10G65C5	<b>Issued</b>	07. February 2022
<b>MA#</b>	MA001692884		
<b>Package</b>	PG-VSON-4-1	<b>Weight*</b>	184.58 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	0.014	0.01		77	
	noble metal	gold	7440-57-5	0.055	0.03		298	
	inorganic material	siliconcarbide	409-21-2	0.806	0.44	0.48	4368	4743
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		5510	
	non noble metal	copper	7440-50-8	41.300	22.37	22.96	223748	229603
wire	non noble metal	copper	7440-50-8	0.543	0.29	0.29	2944	2944
encapsulation	organic material	carbon black	1333-86-4	0.226	0.12		1225	
	plastics	epoxy resin	-	11.647	6.31		63099	
	inorganic material	silicondioxide	60676-86-0	101.204	54.82	61.25	548285	612609
leadfinish	non noble metal	tin	7440-31-5	2.397	1.30	1.30	12989	12989
plating	noble metal	silver	7440-22-4	0.252	0.14	0.14	1365	1365
heatspreader	inorganic material	phosphorus	7723-14-0	0.008			41	
	non noble metal	zinc	7440-66-6	0.030	0.02		163	
	non noble metal	iron	7439-89-6	0.601	0.33		3258	
	non noble metal	copper	7440-50-8	24.418	13.23	13.58	132285	135747
*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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Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com