



Material Content Data Sheet



Halogen-Free

Sales Product Name	IDL06G65C5	Issued	07. February 2022
MA#	MA001692882		
Package	PG-VSON-4-1	Weight*	184.37 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	0.009			50	
	noble metal	gold	7440-57-5	0.036	0.02		195	
	inorganic material	siliconcarbide	409-21-2	0.527	0.29	0.31	2858	3103
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	224006	229868
wire	non noble metal	copper	7440-50-8	0.430	0.23	0.23	2333	2333
encapsulation	organic material	carbon black	1333-86-4	0.227	0.12		1229	
	plastics	epoxy resin	-	11.668	6.33		63285	
	inorganic material	silicondioxide	60676-86-0	101.387	54.99	61.44	549907	614421
leadfinish	non noble metal	tin	7440-31-5	2.397	1.30	1.30	13004	13004
plating	noble metal	silver	7440-22-4	0.252	0.14	0.14	1367	1367
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		3262	
	non noble metal	copper	7440-50-8	24.418	13.24	13.59	132438	135904
*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 Neubiberg
Internet	www.infineon.com