

Material Content Data Sheet

RoHS | 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:

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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.
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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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