

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDL02G65C5	**Issued**	02. June 2021
MA#	MA001641028		
Package	PG-VSON-4-1	**Weight***	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			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			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.

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