



Material Content Data Sheet



Halogen-Free

Sales Product Name	IDL04G65C5	Issued	11. May 2021
MA#	MA001641556		
Package	PG-VSON-4-1	Weight*	184.12 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	0.007			36	
	noble metal	gold	7440-57-5	0.026	0.01		139	
	inorganic material	silicon	7440-21-3	0.273	0.15	0.16	1483	1658
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		5525	
	non noble metal	copper	7440-50-8	41.300	22.43	23.02	224319	230189
wire	non noble metal	copper	7440-50-8	0.318	0.17	0.17	1729	1729
encapsulation	organic material	carbon black	1333-86-4	0.227	0.12		1232	
	plastics	epoxy resin	-	11.681	6.34		63442	
	inorganic material	silicondioxide	60676-86-0	101.496	55.14	61.60	551266	615940
leadfinish	non noble metal	tin	7440-31-5	2.397	1.30	1.30	13022	13022
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		3266	
	non noble metal	copper	7440-50-8	24.418	13.26	13.61	132623	136093
*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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