



Material Content Data Sheet



Sales Product Name		IDL04G65C5		Issued		25. September 2017		
MA#		MA001079948						
Package		PG-VSON-4-1		Weight*		184.11 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	noble metal	gold	7440-57-5	0.026	0.01		139	
	non noble metal	tin	7440-31-5	0.007	0.00		36	
	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	224326	230196
wire	non noble metal	copper	7440-50-8	0.311	0.17	0.17	1690	1690
encapsulation	organic material	carbon black	1333-86-4	0.227	0.12		1232	
	plastics	epoxy resin	-	11.681	6.34		63445	
	inorganic material	silicondioxide	60676-86-0	101.498	55.14	61.60	551291	615968
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	0.00		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	132627	136097
*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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