



Material Content Data Sheet



Sales Product Name				IDL04G65C5		Issued		24. January 2018	
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	0.00		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	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	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.
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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 München
Internet	www.infineon.com