



Material Content Data Sheet



Sales Product Name				IDL06G65C5		Issued		20. July 2018	
MA#				MA001079956					
Package				PG-VSON-4-1		Weight*		184.22 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	0.036	0.02		195		
	non noble metal	tin	7440-31-5	0.009	0.00		50		
	inorganic material	silicon	7440-21-3	0.383	0.21	0.23	2076	2321	
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		5521		
	non noble metal	copper	7440-50-8	41.300	22.42	23.01	224192	230058	
wire	non noble metal	copper	7440-50-8	0.420	0.23	0.23	2277	2277	
encapsulation	organic material	carbon black	1333-86-4	0.227	0.12		1230		
	plastics	epoxy resin	-	11.668	6.33		63339		
	inorganic material	silicondioxide	60676-86-0	101.389	55.04	61.49	550377	614946	
leadfinish	non noble metal	tin	7440-31-5	2.397	1.30	1.30	13014	13014	
plating	noble metal	silver	7440-22-4	0.252	0.14	0.14	1368	1368	
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		3264		
	non noble metal	copper	7440-50-8	24.418	13.25	13.60	132548	136016	
*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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