



Material Content Data Sheet



Sales Product Name				IDL06G65C5		Issued		25. January 2018	
MA#				MA001692882					
Package				PG-VSON-4-1		Weight*		184.37 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	0.009	0.00		50		
	noble metal	gold	7440-57-5	0.036	0.02		195		
	inorganic material	siliconcarbide	409-21-2	0.527	0.29	0.31	2858	3103	
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		5517		
	non noble metal	copper	7440-50-8	41.300	22.40	22.99	224006	229868	
wire	non noble metal	copper	7440-50-8	0.430	0.23	0.23	2333	2333	
encapsulation	organic material	carbon black	1333-86-4	0.227	0.12		1229		
	plastics	epoxy resin	-	11.668	6.33		63285		
	inorganic material	silicondioxide	60676-86-0	101.387	54.99	61.44	549907	614421	
leadfinish	non noble metal	tin	7440-31-5	2.397	1.30	1.30	13004	13004	
plating	noble metal	silver	7440-22-4	0.252	0.14	0.14	1367	1367	
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		3262		
	non noble metal	copper	7440-50-8	24.418	13.24	13.59	132438	135904	
*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

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