



Material Content Data Sheet



Sales Product Name		IDDD16G65C6		Issued		29. June 2018		
MA#		MA001680840						
Package		PG-HDSOP-10-1		Weight*		760.22 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	0.016	0.00		22	
	noble metal	gold	7440-57-5	0.064	0.01		84	
	inorganic material	silicon	7440-21-3	0.673	0.09	0.10	885	991
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		52	
	non noble metal	iron	7439-89-6	0.131	0.02		172	
	non noble metal	copper	7440-50-8	130.618	17.18	17.21	171816	172040
wire	non noble metal	aluminium	7429-90-5	1.740	0.23	0.23	2289	2289
encapsulation	organic material	carbon black	1333-86-4	3.428	0.45		4509	
	plastics	epoxy resin	-	59.991	7.89		78913	
	inorganic material	silicondioxide	60676-86-0	279.387	36.74	45.08	367508	450930
leadfinish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11189	11189
plating	inorganic material	phosphorus	7723-14-0	0.000	0.00		1	
	non noble metal	nickel	7440-02-0	0.130	0.02	0.02	170	171
heatspreader	inorganic material	phosphorus	7723-14-0	0.083	0.01		109	
	non noble metal	iron	7439-89-6	0.275	0.04		362	
	non noble metal	copper	7440-50-8	275.137	36.19	36.24	361919	362390
*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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