



Material Content Data Sheet



Sales Product Name				IDDD20G65C6		Issued		31. July 2018	
MA#				MA001680842					
Package				PG-HDSOP-10-1		Weight*		760.45 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	0.020	0.00		26		
	noble metal	gold	7440-57-5	0.077	0.01		102		
	inorganic material	silicon	7440-21-3	0.815	0.11	0.12	1071	1199	
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	171763	171987	
wire	non noble metal	aluminium	7429-90-5	3.516	0.46	0.46	4624	4624	
encapsulation	organic material	carbon black	1333-86-4	3.411	0.45		4486		
	plastics	epoxy resin	-	59.694	7.85		78498		
	inorganic material	silicondioxide	60676-86-0	278.003	36.54	44.84	365573	448557	
leadfinish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11185	11185	
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	36.18	36.23	361806	362277	
*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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