



Material Content Data Sheet



Sales Product Name		IPDD60R190G7		Issued		31. July 2018		
MA#		MA001651866						
Package		PG-HDSOP-10-1		Weight*		760.66 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	0.044	0.01		57	
	noble metal	gold	7440-57-5	0.170	0.02		223	
	inorganic material	silicon	7440-21-3	1.331	0.17	0.20	1749	2029
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	17.17	17.20	171717	171941
wire	non noble metal	aluminium	7429-90-5	3.639	0.48	0.48	4784	4784
encapsulation	organic material	carbon black	1333-86-4	3.406	0.45		4477	
	plastics	epoxy resin	-	59.598	7.84		78350	
	inorganic material	silicondioxide	60676-86-0	277.554	36.47	44.76	364886	447713
leadfinish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11182	11182
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	36.17	36.22	361709	362180
*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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