



Material Content Data Sheet



Sales Product Name		IPDD60R050G7		Issued		29. June 2018		
MA#		MA001677678						
Package		PG-HDSOP-10-1		Weight*		761.91 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	0.139	0.02		182	
	noble metal	gold	7440-57-5	0.537	0.07		705	
	inorganic material	silicon	7440-21-3	4.215	0.55	0.64	5532	6419
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	17.14	17.17	171435	171659
wire	non noble metal	aluminium	7429-90-5	6.749	0.89	0.89	8858	8858
encapsulation	organic material	carbon black	1333-86-4	3.353	0.44		4401	
	plastics	epoxy resin	-	58.686	7.70		77025	
	inorganic material	silicondioxide	60676-86-0	273.310	35.87	44.01	358718	440144
leadfinish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11164	11164
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		108	
	non noble metal	iron	7439-89-6	0.275	0.04		362	
	non noble metal	copper	7440-50-8	275.137	36.10	36.15	361115	361585
*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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