

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPDD60R055CFD7	**Issued**	09. September 2021
MA#	MA003924416		
Package	PG-HDSOP-10-1	**Weight***	763.61 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	0.132	0.02		173	
	noble metal	gold	7440-57-5	0.514	0.07		673	
	inorganic material	silicon	7440-21-3	4.030	0.53	0.62	5277	6123
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		51	
	non noble metal	iron	7439-89-6	0.131	0.02		171	
	non noble metal	copper	7440-50-8	130.618	17.11	17.14	171052	171274
wire	non noble metal	aluminium	7429-90-5	8.804	1.15	1.15	11529	11529
encapsulation	inorganic material	zincoxide	1314-13-2	3.352	0.44		4390	
	miscellaneous	miscellaneous	-	16.761	2.19		21949	
	plastics	epoxy resin	-	50.282	6.58		65848	
	inorganic material	silicondioxide	60676-86-0	264.821	34.68	43.89	346800	438987
leadfinish	non noble metal	tin	7440-31-5	8.506	1.11	1.11	11139	11139
plating	inorganic material	phosphorus	7723-14-0	0.000			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		361	
	non noble metal	copper	7440-50-8	275.137	36.02	36.07	360308	360777
*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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