

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPDD60R170CFD7	**Issued**	15. May 2021
MA#	MA005109894		
Package	PG-HDSOP-10-1	**Weight***	761.65 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	0.050	0.01		65	
	noble metal	gold	7440-57-5	0.193	0.03		254	
	inorganic material	silicon	7440-21-3	1.517	0.20	0.24	1992	2311
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	17.15	17.18	171492	171716
wire	non noble metal	aluminium	7429-90-5	4.695	0.62	0.62	6164	6164
encapsulation	inorganic material	zincoxide	1314-13-2	3.403	0.45		4468	
	miscellaneous	miscellaneous	-	17.014	2.23		22338	
	plastics	epoxy resin	-	51.042	6.70		67015	
	inorganic material	silicondioxide	60676-86-0	268.821	35.29	44.67	352944	446765
leadfinish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11167	11167
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		109	
	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	361235	361706
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com