

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPDD60R105CFD7	**Issued**	15. May 2021
MA#	MA005122344		
Package	PG-HDSOP-10-1	**Weight***	761.87 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	0.073	0.01		96	
	noble metal	gold	7440-57-5	0.283	0.04		372	
	inorganic material	silicon	7440-21-3	2.223	0.29	0.34	2918	3386
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	171443	171667
wire	non noble metal	aluminium	7429-90-5	4.679	0.61	0.61	6142	6142
encapsulation	inorganic material	zincoxide	1314-13-2	3.397	0.45		4459	
	miscellaneous	miscellaneous	-	16.985	2.23		22293	
	plastics	epoxy resin	-	50.954	6.69		66880	
	inorganic material	silicondioxide	60676-86-0	268.358	35.22	44.59	352236	445868
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			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	361132	361602
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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