



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPDD60R045CFD7	<b>Issued</b>	15. May 2021
<b>MA#</b>	MA003914216		
<b>Package</b>	PG-HDSOP-10-1	<b>Weight*</b>	763.79 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	0.155	0.02		202	
	noble metal	gold	7440-57-5	0.599	0.08		785	
	inorganic material	silicon	7440-21-3	4.702	0.62	0.72	6156	7143
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	17.10	17.13	171013	171235
wire	non noble metal	aluminium	7429-90-5	8.679	1.14	1.14	11363	11363
encapsulation	inorganic material	zinc oxide	1314-13-2	3.347	0.44		4383	
	miscellaneous	miscellaneous	-	16.737	2.19		21913	
	plastics	epoxy resin	-	50.210	6.57		65739	
	inorganic material	silicon dioxide	60676-86-0	264.441	34.62	43.82	346223	438258
lead finish	non noble metal	tin	7440-31-5	8.506	1.11	1.11	11136	11136
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	36.01	36.06	360225	360694
*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