



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPDD60R055CFD7	<b>Issued</b>	09. September 2021
<b>MA#</b>	MA003924416		
<b>Package</b>	PG-HDSOP-10-1	<b>Weight*</b>	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	zinc oxide	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	silicon dioxide	60676-86-0	264.821	34.68	43.89	346800	438987
lead finish	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:

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