



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPDD60R105CFD7	<b>Issued</b>	15. May 2021
<b>MA#</b>	MA005122344		
<b>Package</b>	PG-HDSOP-10-1	<b>Weight*</b>	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	zinc oxide	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	silicon dioxide	60676-86-0	268.358	35.22	44.59	352236	445868
lead finish	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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