



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPDD60R080G7	Issued	11. May 2021
MA#	MA001677682		
Package	PG-HDSOP-10-1	Weight*	761.95 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	0.089	0.01		117	
	noble metal	gold	7440-57-5	0.346	0.05		454	
	inorganic material	silicon	7440-21-3	2.712	0.36	0.42	3560	4131
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		51	
	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	171427	171650
wire	non noble metal	aluminium	7429-90-5	4.402	0.58	0.58	5777	5777
encapsulation	inorganic material	zinc oxide	1314-13-2	3.395	0.45		4455	
	miscellaneous	miscellaneous	-	16.974	2.23		22277	
	plastics	epoxy resin	-	50.922	6.68		66831	
	inorganic material	silicon dioxide	60676-86-0	268.187	35.20	44.56	351978	445541
lead finish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11163	11163
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	36.08	36.13	361097	361567
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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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.

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