



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPDD60R125CFD7	Issued	15. May 2021
MA#	MA005109846		
Package	PG-HDSOP-10-1	Weight*	761.80 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	0.065	0.01		86	
	noble metal	gold	7440-57-5	0.253	0.03		332	
	inorganic material	silicon	7440-21-3	1.984	0.26	0.30	2605	3023
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	17.15	17.18	171459	171683
wire	non noble metal	aluminium	7429-90-5	4.693	0.62	0.62	6160	6160
encapsulation	inorganic material	zinc oxide	1314-13-2	3.399	0.45		4462	
	miscellaneous	miscellaneous	-	16.994	2.23		22308	
	plastics	epoxy resin	-	50.983	6.69		66924	
	inorganic material	silicon dioxide	60676-86-0	268.510	35.25	44.62	352468	446162
lead finish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11165	11165
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	36.09	36.14	361166	361636
*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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