

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPDD60R125CFD7	**Issued**	24. February 2022
MA#	MA005705332		
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	zincoxide	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	silicondioxide	60676-86-0	268.510	35.25	44.62	352468	446162
leadfinish	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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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