



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPDD60R050G7	Issued	11. May 2021
MA#	MA001677678		
Package	PG-HDSOP-10-1	Weight*	763.56 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	0.139	0.02		181	
	noble metal	gold	7440-57-5	0.537	0.07		704	
	inorganic material	silicon	7440-21-3	4.215	0.55	0.64	5520	6405
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	171065	171287
wire	non noble metal	aluminium	7429-90-5	8.398	1.10	1.10	10998	10998
encapsulation	inorganic material	zinc oxide	1314-13-2	3.353	0.44		4392	
	miscellaneous	miscellaneous	-	16.767	2.20		21960	
	plastics	epoxy resin	-	50.302	6.59		65879	
	inorganic material	silicon dioxide	60676-86-0	264.926	34.70	43.93	346964	439195
lead finish	non noble metal	tin	7440-31-5	8.506	1.11	1.11	11140	11140
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	36.01	36.06	360335	360804
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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