



## Material Content Data Sheet



<b>Sales Product Name</b>				IPDD60R050G7		<b>Issued</b>		31. July 2018	
<b>MA#</b>				MA001677678					
<b>Package</b>				PG-HDSOP-10-1		<b>Weight*</b>		761.91 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		182		
	noble metal	gold	7440-57-5	0.537	0.07		705		
	inorganic material	silicon	7440-21-3	4.215	0.55	0.64	5532	6419	
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	171435	171659	
wire	non noble metal	aluminium	7429-90-5	6.749	0.89	0.89	8858	8858	
encapsulation	organic material	carbon black	1333-86-4	3.353	0.44		4401		
	plastics	epoxy resin	-	58.686	7.70		77025		
	inorganic material	silicondioxide	60676-86-0	273.310	35.87	44.01	358718	440144	
leadfinish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11164	11164	
plating	inorganic material	phosphorus	7723-14-0	0.000	0.00		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	361115	361585	
*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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