



## Material Content Data Sheet



<b>Sales Product Name</b>				IPD60R385CP		<b>Issued</b>		19. July 2018	
<b>MA#</b>				MA001260622					
<b>Package</b>				PG-TO252-3-313		<b>Weight*</b>		320.56 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	inorganic material	silicon	7440-21-3	5.064	1.58	1.58	15799	15799	
leadframe	non noble metal	iron	7439-89-6	0.147	0.05		459		
	inorganic material	phosphorus	7723-14-0	0.044	0.01		138		
	non noble metal	copper	7440-50-8	147.096	45.88	45.94	458880	459477	
wire	non noble metal	aluminium	7429-90-5	5.120	1.60	1.60	15972	15972	
encapsulation	organic material	carbon black	1333-86-4	1.347	0.42		4202		
	plastics	epoxy resin	-	23.572	7.35		73536		
	inorganic material	silicondioxide	60676-86-0	109.780	34.25	42.02	342469	420207	
leadfinish	non noble metal	tin	7440-31-5	3.740	1.17	1.17	11667	11667	
plating	inorganic material	phosphorus	7723-14-0	0.003	0.00		11		
	non noble metal	nickel	7440-02-0	1.421	0.44	0.44	4431	4442	
solder	noble metal	silver	7440-22-4	0.100	0.03		313		
	non noble metal	tin	7440-31-5	0.080	0.03		251		
	non noble metal	lead	7439-92-1	3.836	1.20	1.26	11968	12532	
heatspreader	non noble metal	iron	7439-89-6	0.019	0.01		60		
	inorganic material	phosphorus	7723-14-0	0.006	0.00		18		
	non noble metal	copper	7440-50-8	19.177	5.98	5.99	59826	59904	
*deviation	< 10%		Sum in total:			100.00		1000000	

### Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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