



## Material Content Data Sheet



<b>Sales Product Name</b>		IPD60R380E6		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001099842						
<b>Package</b>		PG-TO252-3-341		<b>Weight*</b>		383.13 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	4.522	1.18	1.18	11803	11803
leadframe	non noble metal	iron	7439-89-6	0.248	0.06		648	
	inorganic material	phosphorus	7723-14-0	0.075	0.02		195	
	non noble metal	copper	7440-50-8	248.124	64.78	64.86	647621	648464
wire	non noble metal	aluminium	7429-90-5	0.438	0.11	0.11	1144	1144
encapsulation	inorganic material	antimonytrioxide	1309-64-4	1.705	0.44		4450	
	plastics	brominated resin	-	1.827	0.48		4768	
	organic material	carbon black	1333-86-4	1.948	0.51		5086	
	plastics	epoxy resin	-	16.440	4.29		42910	
	inorganic material	silicondioxide	60676-86-0	99.859	26.06	31.78	260640	317854
leadfinish	non noble metal	tin	7440-31-5	3.740	0.98	0.98	9762	9762
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1328	1328
solder	noble metal	silver	7440-22-4	0.092	0.02		241	
	non noble metal	tin	7440-31-5	0.074	0.02		193	
	non noble metal	lead	7439-92-1	3.529	0.92	0.96	9211	9645
*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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