



## Material Content Data Sheet



<b>Sales Product Name</b>				IPD60R380C6		<b>Issued</b>		14. September 2018	
<b>MA#</b>				MA000925068					
<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	inorganic material	phosphorus	7723-14-0	0.075	0.02		195		
	non noble metal	iron	7439-89-6	0.248	0.06		648		
	non noble metal	copper	7440-50-8	248.124	64.77	64.85	647624	648467	
	non noble metal	aluminium	7429-90-5	0.426	0.11	0.11	1113	1113	
wire	inorganic material	antimonytrioxide	1309-64-4	1.705	0.44		4450		
encapsulation	plastics	brominated resin	-	1.827	0.48		4768		
	organic material	carbon black	1333-86-4	1.949	0.51		5086		
	plastics	epoxy resin	-	16.442	4.29		42914		
	inorganic material	silicondioxide	60676-86-0	99.868	26.07	31.79	260664	317882	
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	non noble metal	tin	7440-31-5	0.074	0.02		193		
	noble metal	silver	7440-22-4	0.092	0.02		241		
	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.

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com