



Material Content Data Sheet



Sales Product Name		IPD60R600C6		Issued		1. August 2018			
MA#		MA001096718							
Package		PG-TO252-3-341		Weight*		382.61 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	3.063	0.80	0.80	8005	8005	
leadframe	non noble metal	iron	7439-89-6	0.248	0.06		649		
	inorganic material	phosphorus	7723-14-0	0.075	0.02		195		
	non noble metal	copper	7440-50-8	248.124	64.84	64.92	648496	649340	
wire	non noble metal	aluminium	7429-90-5	4.497	1.18	1.18	11753	11753	
encapsulation	inorganic material	antimonytrioxide	1309-64-4	1.673	0.44		4374		
	plastics	brominated resin	-	1.793	0.47		4686		
	organic material	carbon black	1333-86-4	1.912	0.50		4998		
	plastics	epoxy resin	-	16.137	4.22		42174		
	inorganic material	silicondioxide	60676-86-0	98.014	25.62	31.25	256170	312402	
leadfinish	non noble metal	tin	7440-31-5	3.740	0.98	0.98	9775	9775	
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1330	1330	
solder	noble metal	silver	7440-22-4	0.071	0.02		185		
	non noble metal	tin	7440-31-5	0.057	0.01		148		
	non noble metal	lead	7439-92-1	2.702	0.71	0.74	7062	7395	
*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