



Material Content Data Sheet



Sales Product Name		IPB60R199CP		Issued		19. July 2018			
MA#		MA000731042							
Package		PG-TO263-3-2		Weight*		1465.00 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	8.809	0.60	0.60	6013	6013	
leadframe	non noble metal	iron	7439-89-6	0.853	0.06		582		
	inorganic material	phosphorus	7723-14-0	0.256	0.02		175		
	non noble metal	copper	7440-50-8	851.691	58.12	58.20	581360	582117	
wire	non noble metal	aluminium	7429-90-5	2.811	0.19	0.19	1919	1919	
encapsulation	organic material	carbon black	1333-86-4	8.787	0.60		5998		
	plastics	epoxy resin	-	96.653	6.60		65975		
	inorganic material	silicondioxide	60676-86-0	480.338	32.79	39.99	327877	399850	
leadfinish	non noble metal	tin	7440-31-5	9.657	0.66	0.66	6592	6592	
plating	non noble metal	nickel	7440-02-0	0.228	0.02		156		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.02	0	156	
solder	non noble metal	tin	7440-31-5	0.098	0.01		67		
	noble metal	silver	7440-22-4	0.123	0.01		84		
	non noble metal	lead	7439-92-1	4.690	0.32	0.34	3202	3353	
*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