



## Material Content Data Sheet



<b>Sales Product Name</b>		IPB90N06S4L-04		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA000471466						
<b>Package</b>		PG-TO263-3-2		<b>Weight*</b>		1463.95 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	5.184	0.35	0.35	3541	3541
leadframe	non noble metal	iron	7439-89-6	0.853	0.06		583	
	inorganic material	phosphorus	7723-14-0	0.256	0.02		175	
	non noble metal	copper	7440-50-8	851.691	58.17	58.25	581775	582533
wire	non noble metal	aluminium	7429-90-5	6.134	0.42	0.42	4190	4190
encapsulation	organic material	carbon black	1333-86-4	8.790	0.60		6004	
	plastics	epoxy resin	-	96.686	6.60		66044	
	inorganic material	silicondioxide	60676-86-0	480.499	32.82	40.02	328221	400269
leadfinish	non noble metal	tin	7440-31-5	9.657	0.66	0.66	6596	6596
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	noble metal	silver	7440-22-4	0.099	0.01		68	
	non noble metal	tin	7440-31-5	0.079	0.01		54	
	non noble metal	lead	7439-92-1	3.796	0.26	0.28	2593	2715
*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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