



Material Content Data Sheet



Sales Product Name		IPB073N15N5		Issued		24. January 2018		
MA#		MA001327350						
Package		PG-TO263-3-2		Weight*		1570.86 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	4.421	0.28	0.28	2814	2814
leadframe	non noble metal	iron	7439-89-6	0.304	0.02		194	
	inorganic material	phosphorus	7723-14-0	0.091	0.01		58	
	non noble metal	copper	7440-50-8	304.026	19.35	19.38	193541	193793
wire	non noble metal	aluminium	7429-90-5	106.431	6.78	6.78	67754	67754
encapsulation	organic material	carbon black	1333-86-4	8.901	0.57		5666	
	plastics	epoxy resin	-	97.906	6.23		62326	
	inorganic material	silicondioxide	60676-86-0	486.562	30.97	37.77	309743	377735
leadfinish	non noble metal	tin	7440-31-5	9.657	0.61	0.61	6147	6147
plating	non noble metal	nickel	7440-02-0	0.228	0.01		145	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	145
solder	noble metal	silver	7440-22-4	0.099	0.01		63	
	non noble metal	tin	7440-31-5	0.079	0.00		50	
	non noble metal	lead	7439-92-1	3.776	0.24	0.25	2404	2517
heatspreader	non noble metal	iron	7439-89-6	0.548	0.03		349	
	inorganic material	phosphorus	7723-14-0	0.165	0.01		105	
	non noble metal	copper	7440-50-8	547.666	34.88	34.92	348640	349095
*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