



Material Content Data Sheet



Sales Product Name		IPB156N22NFD		Issued		19. January 2018		
MA#		MA001624890						
Package		PG-TO263-3-2		Weight*		1567.81 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	17.562	1.12	1.12	11202	11202
leadframe	inorganic material	phosphorus	7723-14-0	0.091	0.01		58	
	non noble metal	iron	7439-89-6	0.304	0.02		194	
	non noble metal	copper	7440-50-8	304.026	19.39	19.42	193918	194170
	non noble metal	aluminium	7429-90-5	10.908	0.70	0.70	6957	6957
wire	non noble metal	aluminium	7429-90-5	10.908	0.70	0.70	6957	6957
encapsulation	organic material	carbon black	1333-86-4	9.995	0.64		6375	
	plastics	epoxy resin	-	109.948	7.01		70129	
	inorganic material	silicondioxide	60676-86-0	546.409	34.85	42.50	348518	425022
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6159	6159
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		1	
	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	146	147
solder	non noble metal	tin	7440-31-5	0.206	0.01		131	
	noble metal	silver	7440-22-4	0.258	0.02		164	
	non noble metal	lead	7439-92-1	9.839	0.63	0.66	6276	6571
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		105	
	non noble metal	iron	7439-89-6	0.548	0.04		350	
	non noble metal	copper	7440-50-8	547.666	34.92	34.97	349317	349772
*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