



Material Content Data Sheet



Sales Product Name				IPB035N08N3 G		Issued		25. September 2017	
MA#				MA000459078					
Package				PG-TO263-3-2		Weight*		1561.53 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	7.048	0.45	0.45	4514	4514	
leadframe	non noble metal	iron	7439-89-6	0.304	0.02		195		
	inorganic material	phosphorus	7723-14-0	0.091	0.01		58		
	non noble metal	copper	7440-50-8	304.026	19.47	19.50	194698	194951	
wire	non noble metal	aluminium	7429-90-5	10.266	0.66	0.66	6574	6574	
encapsulation	organic material	carbon black	1333-86-4	10.148	0.65		6499		
	plastics	epoxy resin	-	111.630	7.15		71488		
	inorganic material	silicondioxide	60676-86-0	554.765	35.52	43.32	355270	433257	
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6184	6184	
plating	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	146	147	
	inorganic material	phosphorus	7723-14-0	0.001	0.00		1		
solder	noble metal	silver	7440-22-4	0.125	0.01		80		
	non noble metal	tin	7440-31-5	0.100	0.01		64		
	non noble metal	lead	7439-92-1	4.760	0.30	0.32	3048	3192	
heatspreader	non noble metal	iron	7439-89-6	0.548	0.04		351		
	inorganic material	phosphorus	7723-14-0	0.165	0.01		105		
	non noble metal	copper	7440-50-8	547.666	35.07	35.12	350725	351181	
*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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