



Material Content Data Sheet



Sales Product Name		IPB010N06N		Issued		25. September 2017		
MA#		MA000965712						
Package		PG-TO263-7-3		Weight*		1526.80 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	7.046	0.46	0.46	4615	4615
leadframe	inorganic material	phosphorus	7723-14-0	0.241	0.02		158	
	non noble metal	iron	7439-89-6	0.803	0.05		526	
	non noble metal	copper	7440-50-8	801.714	52.50	52.57	525093	525777
	non noble metal	aluminium	7429-90-5	14.367	0.94	0.94	9410	9410
wire	non noble metal	aluminium	7429-90-5	14.367	0.94	0.94	9410	9410
encapsulation	organic material	carbon black	1333-86-4	8.664	0.57		5674	
	plastics	epoxy resin	-	95.302	6.24		62419	
	inorganic material	silicondioxide	60676-86-0	473.624	31.02	37.83	310206	378299
leadfinish	non noble metal	tin	7440-31-5	12.317	0.81	0.81	8067	8067
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		1	
	non noble metal	nickel	7440-02-0	0.269	0.02	0.02	176	177
solder	non noble metal	tin	7440-31-5	0.122	0.01		80	
	noble metal	silver	7440-22-4	0.153	0.01		100	
	non noble metal	lead	7439-92-1	5.834	0.38	0.40	3821	4001
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		21	
	non noble metal	iron	7439-89-6	0.106	0.01		70	
	non noble metal	copper	7440-50-8	106.210	6.96	6.97	69563	69654
*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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