



Material Content Data Sheet



Sales Product Name		IPB090N06N3 G		Issued		29. August 2013		
MA#		MA000398206						
Package		PG-TO263-3-2		Weight*		1461.30 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	2.120	0.15	0.15	1451	1451
leadframe	non noble metal	iron	7439-89-6	0.853	0.06		584	
	inorganic material	phosphorus	7723-14-0	0.256	0.02		175	
	non noble metal	copper	7440-50-8	851.691	58.28	58.36	582833	583592
wire	non noble metal	aluminium	7429-90-5	2.792	0.19	0.19	1910	1910
encapsulation	organic material	carbon black	1333-86-4	8.878	0.61		6075	
	plastics	epoxy resin	-	97.656	6.68		66829	
	inorganic material	silicondioxide	60676-86-0	485.322	33.21	40.50	332118	405022
leadfinish	non noble metal	tin	7440-31-5	9.657	0.66	0.66	6608	6608
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	0.046	0.00		32	
	non noble metal	tin	7440-31-5	0.037	0.00		25	
	non noble metal	lead	7439-92-1	1.760	0.12	0.12	1204	1261
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com