



Material Content Data Sheet



Sales Product Name		IPB054N08N3 G		Issued		29. August 2013		
MA#		MA000405044						
Package		PG-TO263-3-2		Weight*		1559.43 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	4.423	0.28	0.28	2836	2836
leadframe	non noble metal	iron	7439-89-6	0.304	0.02		195	
	inorganic material	phosphorus	7723-14-0	0.091	0.01		59	
	non noble metal	copper	7440-50-8	304.026	19.50	19.53	194960	195214
wire	non noble metal	aluminium	7429-90-5	6.990	0.45	0.45	4483	4483
encapsulation	organic material	carbon black	1333-86-4	10.229	0.66		6559	
	plastics	epoxy resin	-	112.514	7.22		72151	
	inorganic material	silicondioxide	60676-86-0	559.160	35.84	43.72	358568	437279
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6192	6192
plating	non noble metal	nickel	7440-02-0	0.228	0.01		147	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	147
solder	noble metal	silver	7440-22-4	0.086	0.01		55	
	non noble metal	tin	7440-31-5	0.068	0.00		44	
	non noble metal	lead	7439-92-1	3.271	0.21	0.22	2097	2196
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		105	
	non noble metal	iron	7439-89-6	0.548	0.04		352	
	non noble metal	copper	7440-50-8	547.666	35.12	35.17	351196	351653
*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.

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