



Material Content Data Sheet



Sales Product Name		IPP037N06L3 G		Issued		29. August 2013			
MA#		MA000957194							
Package		PG-TO220-3-1		Weight*		2032.28 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	5.184	0.26	0.26	2551	2551	
leadframe	non noble metal	iron	7439-89-6	1.407	0.07		692		
	inorganic material	phosphorus	7723-14-0	0.422	0.02		208		
	non noble metal	copper	7440-50-8	1404.801	69.13	69.22	691244	692144	
wire	non noble metal	aluminium	7429-90-5	7.146	0.35	0.35	3516	3516	
encapsulation	organic material	carbon black	1333-86-4	5.888	0.29		2897		
	plastics	epoxy resin	-	111.874	5.50		55049		
	inorganic material	silicondioxide	60676-86-0	471.048	23.18	28.97	231783	289729	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10561	10561	
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	0	120	
solder	non noble metal	antimony	7440-36-0	0.280	0.01		138		
	noble metal	silver	7440-22-4	0.701	0.03		345		
	non noble metal	tin	7440-31-5	1.822	0.09	0.13	896	1379	
*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.
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