



## Material Content Data Sheet



Sales Product Name	IPP147N03L G			Issued		29. August 2013		
MA#	MA000361770							
Package	PG-TO220-3-1			Weight*		2016.65 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	0.562	0.03	0.03	279	279
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		405	
	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	copper	7440-50-8	815.335	40.43	40.48	404301	404828
wire	non noble metal	aluminium	7429-90-5	1.112	0.06	0.06	552	552
encapsulation	organic material	carbon black	1333-86-4	6.446	0.32		3197	
	inorganic material	antimonytrioxide	1309-64-4	13.479	0.67		6684	
	plastics	brominated resin	-	15.237	0.76		7555	
	plastics	epoxy resin	-	111.346	5.52		55213	
	inorganic material	silicondioxide	60676-86-0	439.522	21.79	29.06	217947	290596
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10643	10643
plating	non noble metal	nickel	7440-02-0	0.244	0.01		121	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	121
solder	non noble metal	antimony	7440-36-0	0.061	0.00		30	
	noble metal	silver	7440-22-4	0.151	0.01		75	
	non noble metal	tin	7440-31-5	0.394	0.02	0.03	195	300
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		293	
	inorganic material	phosphorus	7723-14-0	0.177	0.01		88	
	non noble metal	copper	7440-50-8	589.466	29.23	29.27	292300	292681
*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