



## Material Content Data Sheet



<b>Sales Product Name</b>				IPP076N12N3 G		<b>Issued</b>		25. September 2017	
<b>MA#</b>				MA001124210					
<b>Package</b>				PG-TO220-3-123		<b>Weight*</b>		2029.45 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	8.706	0.43	0.43	4290	4290	
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		402		
	inorganic material	phosphorus	7723-14-0	0.245	0.01		121		
	non noble metal	copper	7440-50-8	815.335	40.18	40.23	401752	402275	
wire	non noble metal	aluminium	7429-90-5	8.967	0.44	0.44	4418	4418	
encapsulation	organic material	carbon black	1333-86-4	2.310	0.11		1138		
	plastics	epoxy resin	-	66.988	3.30		33008		
	inorganic material	silicondioxide	60676-86-0	508.188	25.04	28.45	250408	284554	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10575	10575	
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	869	869	
solder	non noble metal	antimony	7440-36-0	0.443	0.02		218		
	noble metal	silver	7440-22-4	1.108	0.05		546		
	non noble metal	tin	7440-31-5	2.882	0.14	0.21	1420	2184	
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		291		
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87		
	non noble metal	copper	7440-50-8	589.466	29.05	29.09	290457	290835	
*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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Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com