



## Material Content Data Sheet



<b>Sales Product Name</b>		SPA06N60C3		<b>Issued</b>		28. August 2013		
<b>MA#</b>		MA001044372						
<b>Package</b>		PG-TO220-3-121		<b>Weight*</b>		2240.47 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	4.096	0.18	0.18	1828	1828
leadframe	non noble metal	iron	7439-89-6	0.687	0.03		307	
	inorganic material	phosphorus	7723-14-0	0.206	0.01		92	
	non noble metal	copper	7440-50-8	686.221	30.63	30.67	306285	306684
wire	non noble metal	aluminium	7429-90-5	0.708	0.03	0.03	316	316
encapsulation	organic material	carbon black	1333-86-4	2.210	0.10		987	
	plastics	epoxy resin	-	207.774	9.27		92737	
	inorganic material	silicondioxide	60676-86-0	895.195	39.96	49.33	399557	493282
leadfinish	non noble metal	tin	7440-31-5	7.942	0.35	0.35	3545	3545
plating	non noble metal	nickel	7440-02-0	0.305	0.01		136	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	136
solder	non noble metal	antimony	7440-36-0	0.245	0.01		109	
	noble metal	silver	7440-22-4	0.612	0.03		273	
	non noble metal	tin	7440-31-5	1.591	0.07	0.11	710	1092
heatspreader	inorganic material	phosphorus	7723-14-0	0.130	0.01		58	
	non noble metal	iron	7439-89-6	0.433	0.02		193	
	non noble metal	copper	7440-50-8	432.110	19.29	19.32	192866	193117
*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