



## Material Content Data Sheet



<b>Sales Product Name</b>		SPP07N60S5		<b>Issued</b>		28. August 2013		
<b>MA#</b>		MA000256051						
<b>Package</b>		PG-TO220-3-21		<b>Weight*</b>		2040.34 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	4.565	0.22	0.22	2237	2237
leadframe	non noble metal	iron	7439-89-6	0.849	0.04		416	
	inorganic material	phosphorus	7723-14-0	0.255	0.01		125	
	non noble metal	copper	7440-50-8	848.194	41.57	41.62	415712	416253
wire	non noble metal	aluminium	7429-90-5	0.721	0.04	0.04	353	353
encapsulation	organic material	carbon black	1333-86-4	6.295	0.31		3085	
	inorganic material	antimonytrioxide	1309-64-4	13.162	0.65		6451	
	plastics	brominated resin	-	14.878	0.73		7292	
	plastics	epoxy resin	-	108.726	5.33		53288	
	inorganic material	silicondioxide	60676-86-0	429.180	21.03	28.05	210347	280463
leadfinish	non noble metal	tin	7440-31-5	18.469	0.91	0.91	9052	9052
plating	non noble metal	nickel	7440-02-0	2.067	0.10	0.10	1013	1013
solder	non noble metal	tin	7440-31-5	1.787	0.09		876	
	noble metal	silver	7440-22-4	0.687	0.03		337	
	non noble metal	antimony	7440-36-0	0.275	0.01	0.13	135	1348
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		289	
	non noble metal	copper	7440-50-8	589.466	28.89	28.93	288905	289281
*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