



Material Content Data Sheet



Sales Product Name		SPB07N60S5		Issued		28. August 2013		
MA#		MA000737526						
Package		PG-TO263-3-2		Weight*		1559.03 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	0.29	0.29	2928	2928
leadframe	non noble metal	iron	7439-89-6	0.304	0.02		195	
	inorganic material	phosphorus	7723-14-0	0.091	0.01		59	
	non noble metal	copper	7440-50-8	304.026	19.50	19.53	195010	195264
wire	non noble metal	aluminium	7429-90-5	0.754	0.05	0.05	484	484
encapsulation	organic material	carbon black	1333-86-4	10.309	0.66		6613	
	plastics	epoxy resin	-	113.400	7.27		72738	
	inorganic material	silicondioxide	60676-86-0	563.566	36.15	44.08	361484	440836
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6194	6194
plating	non noble metal	nickel	7440-02-0	0.228	0.01		147	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	147
solder	noble metal	silver	7440-22-4	0.094	0.01		60	
	non noble metal	tin	7440-31-5	0.075	0.00		48	
	non noble metal	lead	7439-92-1	3.576	0.23	0.24	2294	2402
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		106	
	non noble metal	iron	7439-89-6	0.548	0.04		352	
	non noble metal	copper	7440-50-8	547.666	35.13	35.18	351287	351745
*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