



Material Content Data Sheet



Sales Product Name	SPW11N60C3			Issued		29. August 2013		
MA#	MA001080552							
Package	PG-TO247-3-21			Weight*		5995.50 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	7.017	0.12	0.12	1170	1170
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		88	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		27	
	non noble metal	copper	7440-50-8	529.068	8.82	8.83	88244	88359
wire	non noble metal	aluminium	7429-90-5	1.142	0.02	0.02	191	191
encapsulation	organic material	carbon black	1333-86-4	21.457	0.36		3579	
	inorganic material	antimonytrioxide	1309-64-4	44.864	0.75		7483	
	plastics	brominated resin	-	50.716	0.85		8459	
	plastics	epoxy resin	-	370.619	6.18		61816	
	inorganic material	silicondioxide	60676-86-0	1462.970	24.40	32.54	244012	325349
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5316	5316
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4848	4848
solder	non noble metal	antimony	7440-36-0	0.353	0.01		59	
	noble metal	silver	7440-22-4	0.883	0.01		147	
	non noble metal	tin	7440-31-5	2.296	0.04	0.06	383	589
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		172	
	non noble metal	iron	7439-89-6	3.442	0.06		574	
	non noble metal	copper	7440-50-8	3438.006	57.34	57.42	573432	574178
*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