



Material Content Data Sheet



Sales Product Name	SPI80N06S-08			Issued		29. August 2013		
MA#	MA000532832							
Package	PG-TO262-3-1			Weight*		1578.51 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	13.370	0.85	0.85	8470	8470
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		539	
	inorganic material	phosphorus	7723-14-0	0.255	0.02		162	
	non noble metal	copper	7440-50-8	849.682	53.83	53.90	538282	538984
wire	non noble metal	aluminium	7429-90-5	4.935	0.31	0.31	3127	3127
encapsulation	organic material	carbon black	1333-86-4	8.693	0.55		5507	
	plastics	epoxy resin	-	95.624	6.06		60579	
	inorganic material	silicondioxide	60676-86-0	475.223	30.11	36.72	301059	367145
leadfinish	non noble metal	tin	7440-31-5	15.198	0.96	0.96	9628	9628
plating	non noble metal	nickel	7440-02-0	0.228	0.01		145	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	145
solder	noble metal	silver	7440-22-4	0.202	0.01		128	
	non noble metal	tin	7440-31-5	0.162	0.01		103	
	non noble metal	lead	7439-92-1	7.732	0.49	0.51	4898	5129
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		20	
	non noble metal	iron	7439-89-6	0.106	0.01		67	
	non noble metal	copper	7440-50-8	106.210	6.73	6.74	67285	67372
*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