



Material Content Data Sheet



Sales Product Name		IGW50N60T		Issued		29. August 2013		
MA#		MA001108680						
Package		PG-TO247-3-21		Weight*		5996.54 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	4.501	0.08	0.08	751	751
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	88229	88344
wire	non noble metal	aluminium	7429-90-5	11.814	0.20	0.20	1970	1970
encapsulation	organic material	carbon black	1333-86-4	21.378	0.36		3565	
	inorganic material	antimonytrioxide	1309-64-4	44.699	0.75		7454	
	plastics	brominated resin	-	50.529	0.84		8426	
	plastics	epoxy resin	-	369.252	6.16		61578	
	inorganic material	silicondioxide	60676-86-0	1457.573	24.31	32.42	243069	324092
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5315	5315
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4847	4847
solder	non noble metal	antimony	7440-36-0	0.361	0.01		60	
	noble metal	silver	7440-22-4	0.904	0.02		151	
	non noble metal	tin	7440-31-5	2.349	0.04	0.07	392	603
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	57.31	57.39	573332	574078
*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