



Material Content Data Sheet



Sales Product Name	IHW30N100R			Issued		29. August 2013		
MA#	MA000519028							
Package	PG-TO247-3-41			Weight*		6048.32 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	5.891	0.10	0.10	974	974
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		88	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.75	8.76	87473	87587
wire	non noble metal	aluminium	7429-90-5	8.187	0.14	0.14	1354	1354
encapsulation	organic material	carbon black	1333-86-4	19.975	0.33		3303	
	plastics	epoxy resin	-	379.518	6.27		62747	
	inorganic material	silicondioxide	60676-86-0	1597.969	26.42	33.02	264200	330250
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5270	5270
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4805	4805
solder	non noble metal	antimony	7440-36-0	0.360	0.01		60	
	noble metal	silver	7440-22-4	0.900	0.01		149	
	non noble metal	tin	7440-31-5	2.341	0.04	0.06	387	596
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		569	
	non noble metal	copper	7440-50-8	3438.006	56.83	56.91	568424	569164
*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