



Material Content Data Sheet



Sales Product Name	SGW20N60HS			Issued		29. August 2013		
MA#	MA000669468							
Package	PG-TO247-3-41			Weight*		6046.89 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	4.308	0.07	0.07	712	712
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	87494	87608
wire	non noble metal	aluminium	7429-90-5	4.045	0.07	0.07	669	669
encapsulation	organic material	carbon black	1333-86-4	20.026	0.33		3312	
	plastics	epoxy resin	-	380.503	6.29		62925	
	inorganic material	silicondioxide	60676-86-0	1602.119	26.49	33.11	264949	331186
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5271	5271
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4807	4807
solder	non noble metal	antimony	7440-36-0	0.271	0.00		45	
	noble metal	silver	7440-22-4	0.679	0.01		112	
	non noble metal	tin	7440-31-5	1.764	0.03	0.04	292	449
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	56.86	56.94	568558	569298
*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