



Material Content Data Sheet



Sales Product Name		SPW35N60CFD		Issued		29. August 2013		
MA#		MA000363361						
Package		PG-TO247-3-41		Weight*		6054.52 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	23.680	0.39	0.39	3911	3911
leadframe	non noble metal	iron	7439-89-6	3.972	0.07		656	
	inorganic material	phosphorus	7723-14-0	1.192	0.02		197	
	non noble metal	copper	7440-50-8	3967.074	65.51	65.60	655226	656079
wire	non noble metal	aluminium	7429-90-5	4.415	0.07	0.07	729	729
encapsulation	organic material	carbon black	1333-86-4	19.843	0.33		3277	
	plastics	epoxy resin	-	377.024	6.23		62272	
	inorganic material	silicondioxide	60676-86-0	1587.471	26.22	32.78	262196	327745
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5265	5265
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4800	4800
solder	non noble metal	antimony	7440-36-0	0.891	0.01		147	
	noble metal	silver	7440-22-4	2.226	0.04		368	
	non noble metal	tin	7440-31-5	5.788	0.10	0.15	956	1471
*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.
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