



Electromagnetic Modelling Of Power Electronic Converters

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Summary : Free electromagnetic modelling of power electronic converters pdf download - the era of the personal computer has without doubt permanently altered our life style in a myriad of ways the brain of the personal computer is the microprocessor together with ram and rom which makes the decisions needed for the computer to perform in the desired manner the microprocessor continues to evolve as increasingly complex tasks are required while not sharing the limelight of the microprocessor the heart of the personal computer namely the power supply is equally important since without the necessary source of power the microprocessor would be a useless piece of silicon the power supply of twenty years ago was much different than its modern day equivalent at the dawn of the personal computer era in the late 1970s de power was obtained from a simple diode bridge however the need for smooth regulated dc at low voltage required at the same time both a bulky input transformer and a large dc side fltler those computer fans present at the birth of this industry can remember the large boxes housing our altair cromemco and northstar computers which was made necessary largely because of the huge power supply it is not well appreciated but certainly true that the huge sucess of the apple ii computer in those days was due at least in part to the relatively slim proftle of the machine this sleek appearance was largely due to the adoption of the then new and unproven switched mode power supply

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