液晶螢幕之自動調光與變頻器效率之提升

In the design and implementation of notebook PCs, two modification methods are proposed to reduce the wastage of its battery and extend its used time. First, a control circuit is proposed to automatically adjust the brightness of the screen of notebook PC based on the measured light of environment. Then, in the module of the inverter and Cold Cathode Fluorescent Lamp (CCFL), a method to get the actual data of capacitors Cs and Cp is proposed so that it can improve the work efficiency of inverter.