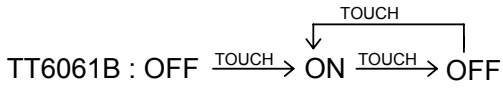
General Description

TT6061B IC is a kind of CMOS technology premitted to design ON/OFF Touch-Dimmer. the detailed functions are as follow :



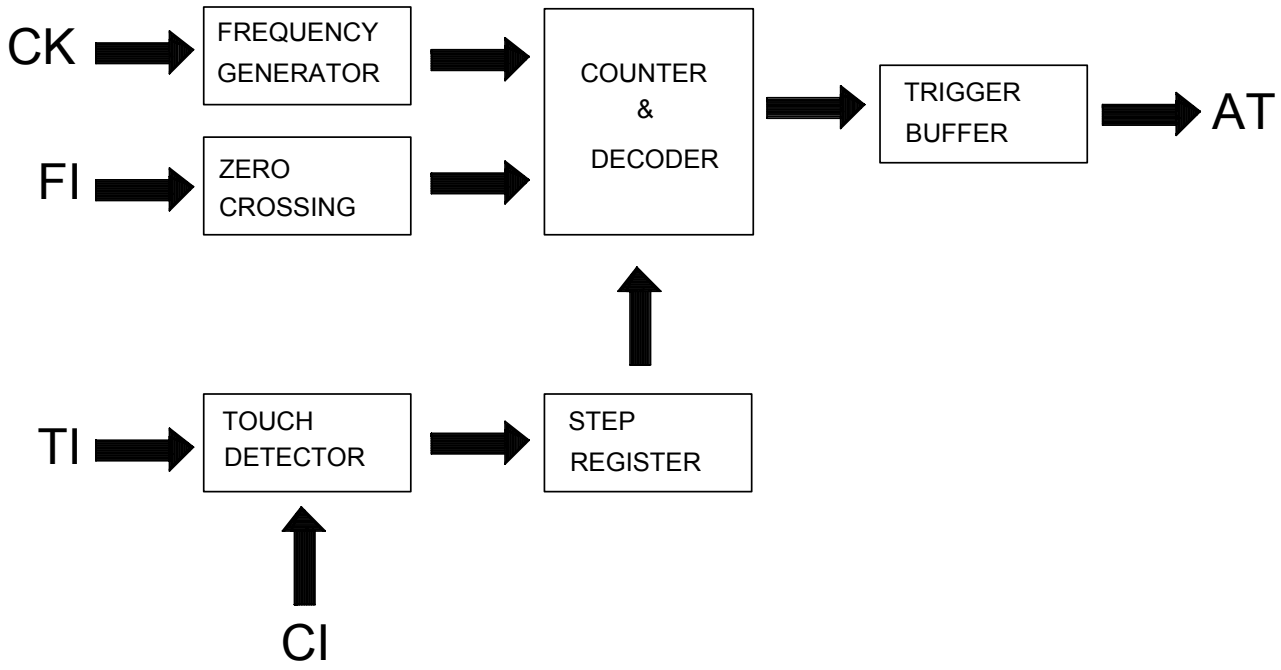
Features

1. No mechanically switch elements.
2. High sensitivity and stability for long connecting wire and heavy loading (800pf) on sense-plate for human body capacity = 50pf
3. Very small number of peripheral components required

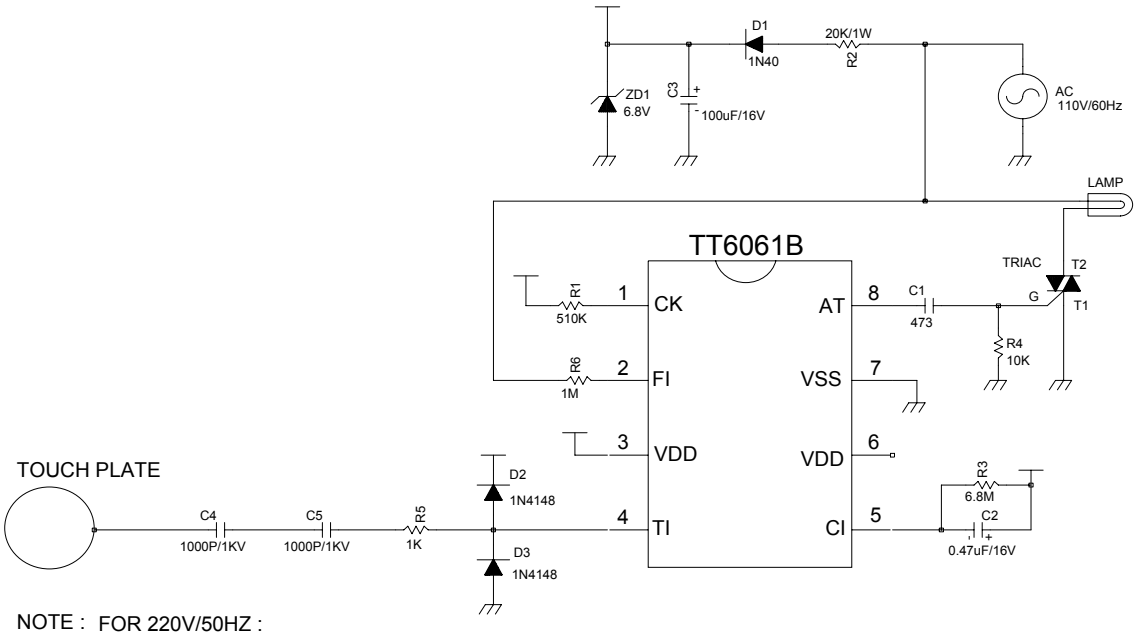
Operating parameter

1. Operating voltage : 6.8 V
2. Operating current : ≦ 1.0 mA
3. Trigger output current (at pin) : ≦ -30 mA (vout=6.8V)
4. Input leakage : ≦ 0.5 uA
5. Input low voltage : ≦ VSS + 0.5V
6. Input high voltage : ≧ VDD - 0.5V
7. Operating temperature : 0℃ ～ 80℃
8. Storage temperature : -20℃ ～ 120℃

TT6061B BLOCK DIAGRAM

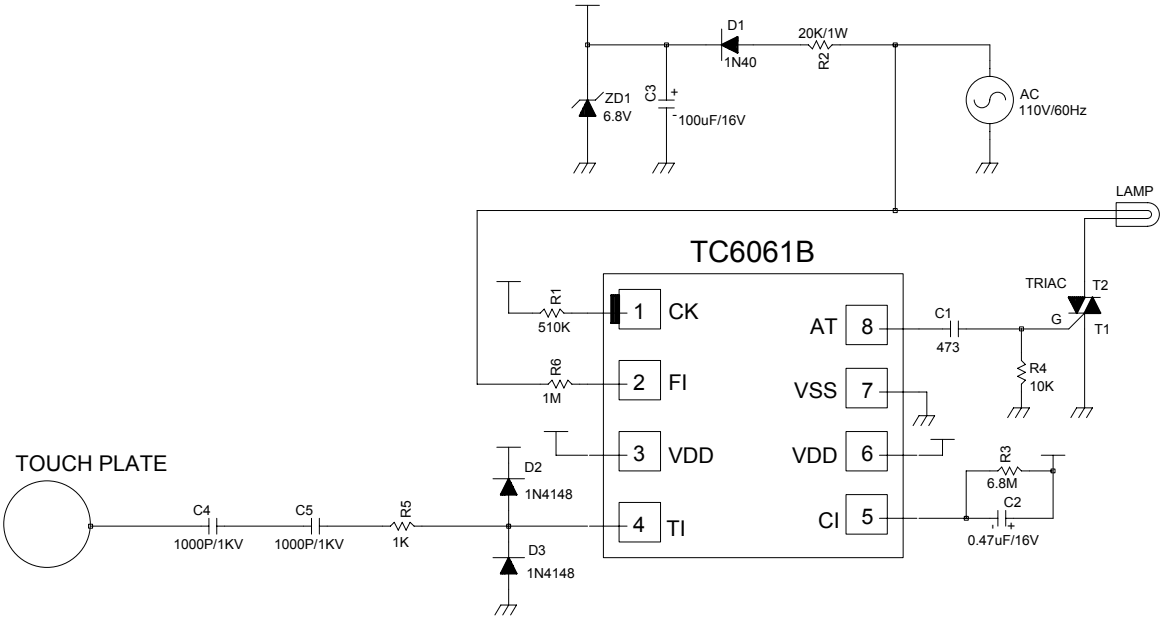


TT6061B RECOMMEND APPLICATION DIAGRAM



NOTE : FOR 220V/50HZ :
CHANGE R1 510K TO 620K (FOR 60HZ CHANGE TO 50HZ)
CHANGE R2 20K/1W TO 40K/2W (FOR 110V CHANGE TO 220V)
CHANGE R6 1M TO 1.5M (FOR 110V CHANGE TO 220V)

TC6061B RECOMMEND APPLICATION DIAGRAM



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