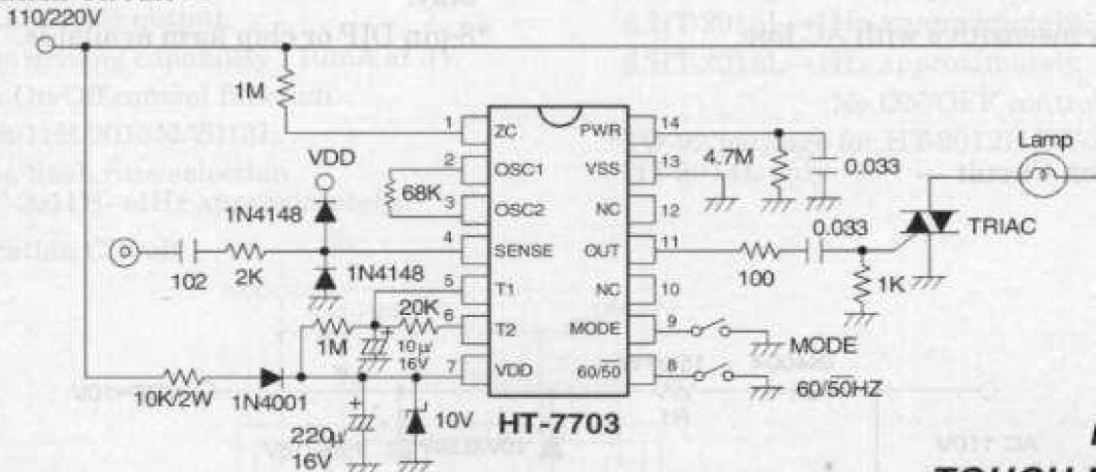


A. Features —

- *Wide operating voltage : 8V ~ 12V.
- *Operates on 50/60 Hz line frequency.
- *Reduce the power dissipation.
- *Sensitive touch sensor input.

- *Provides brightness control of incandescent lamp without the use of mechanical switches.
- *4-steps.
- *14-pin DIP or chip form available.

B. Application Circuit —



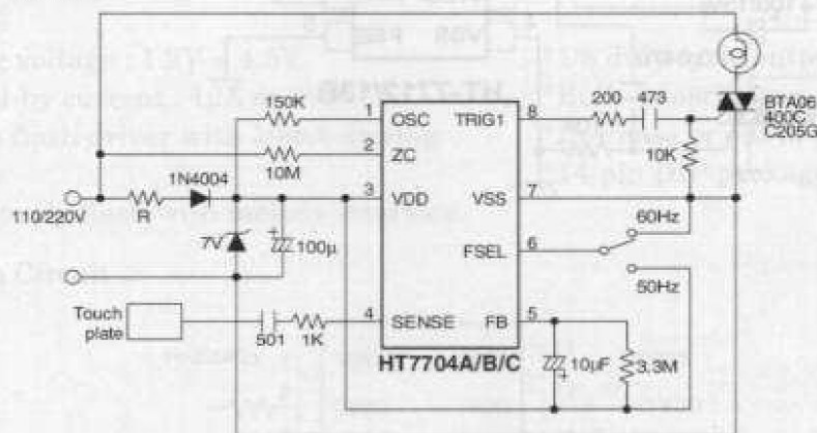
HT-7704
TOUCH DIMMER

A. Features —

- *Operating voltage : 4V~ 10V.
- *High noise immunity CMOS technology.
- *High sensitivity and stability.
- *Polarity insensitive with AC line.
- *Minimal external components required.
- *50/60 Hz selectable.

- *Loading range of sense input from 0 to 1000pf.
- *HT-7704A:3 steps control.
- *HT-7704B:4 steps control.
- *HT-7704C:On/off switch.
- *8-pin DIP/SOP package.

B. Application Circuit —



* Note: 1) R=22KΩ/2W when the AC power supply is 110V.
R=43KΩ/2W when the AC power supply is 220V.

2) Selection table

IC No.	Operating mode
HT7704A	3 steps brightness controllable
HT7704B	4 steps brightness controllable
HT7704C	On/off