

## **O44JA311R    Circuit Descriptions.**

Block1 : The Buttons of this product.

When Being pressed this remote starts to work.

Block2 : The Battery supply the power of 6volts to the circuits

Block3 : This is the LED display

Block4 : This is the micro-controller

U1(Micro-controller) reads the button and make the radio transition circuits' work.

Block5 : This is the real time circuit

R1, C2 supply the real time clock to the U1.

Block6 : This is the radio power control circuit by U1.

U1 make radio frequency circuits(B7.B8) enable by Block6.

Block7. : This is the basic oscillation circuit to radiate the radio frequency.

(311.0050MHz by SAW1)

And By switching(between 0v and 3.5V) at R14 the frequency modulation is done.

Block8. : The basic frequency 311.0050MHz of Block8 will be amplified at this by Q3.

Block9. : Besides 311.0095MHz will be removed by filter(C4,C5,R13).