O44JR1700F447 Circuit Descriptions

Block1 : The buttons of this product.
When Being pressde this remote starts to work.

Block2 : The battery supply the power of 6volts to the circuits.

Block3 : This is the micro- controller.
U1(Mircro- controller)reads the button and make the radio
transmission circuits work.

Block4 : This is the real time circuit.
XT2 supply the real time clock to the U1.

Block5 : This is the radio power control circuit by U1.
U1 make radil frequency circuits(B7,B9) enable by Block5.

Block6 : U1 can make the modulation by this block.
By switcing(between 0V and 4.7V) at VD1 the frequency
modulation is done.

Block7 : This is the basic oscillation circuit to radiate the readil frequency.
Q3 oscillates 447.7(MHz) by XT1, L7, C19.

Block8 : Beside 447.7(MHz) will be removed by filter(L6,C17).

Block9 : The third harmonic frequency 447(MHz) of block7 will be amplified
at this by Q2.

Block10 : Besides 447.7(MHz) will be removed by filter(L4, C11).

Block11 : The third harmonic frequency 447.7(MHz) of block9 will be
amplifide at this by Q1

Block12 : Besides 447.7(MHz) will be removed by filter(L1,C1,C2).