O44J2W8000R Circuit Descriptions.

Block1 : U100 can make the modulation by this block
By switching (between 0V and 3V) at VD1 the frequency modulation is done.
Block2 : This is the oscillation circuit to radiate the radio frequency.
X2 oscillates 447.7MHz(TX) by L19, L18, C56, C57.
Block3 : The third harmonic frequency 447.7MHz of block2 will be amplified at this
By Q8,L17,C53.
Block4 : Besides 447.7MHz will be removed by filter(L16,C51).
Block5 : The third harmonic frequency 447.7MHz of block3 will be amplified at this
By Q7,L15,C46.
Block6 : Besides 447.7MHz will be removed by filter(L14, C43).
Block7 : This frequency 447.7MHz of block5 will be amplified at this by Q6,L13,C39.
Block8 : Besides 447.7MHz will be removed by filter(L11,L12,C35,C36,C37).
Block9 : This is the LNA(Low Noise Amplify) circuit.
Block10 : This is the oscillation circuit to radiate the local oscillation frequency.
X1 oscillates 447.7MHz(RX) by L9,L10,C32,C33.
Block11 : This is the mixer circuit.
Which is amplified at block9 and is generated at block10(Q3,L6).
Block12 : This is the oscillation circuit to radiate the second local oscillation frequency.
By XT1,C20,C21.
Block13 : This is the FM demodulation IC circuit.
Block14 : This is the micro-controller.
This block is consist of block15,blokc16,block17,block18,block19,block20
Block21.
Block15 : This is the radio frequency power enable and disable control circuit.
Block16 : This is the real time circuit.
XT1 supply the real time clock to the U100.
Block17 : The battery supply the power of 1.5volts to the circuits.
Block18 : The buttons of this product.
When being pressed this remote starts to work.
Block19 : This is the vibration motor circuit.
Block20 : This is the buzzer circuit.
Block21 : This is the LCD circuit.