O44JMA580 Circuit Descriptions.

Block1 : The Battery supply the power of 12volts to the Regulator.

Block2 : This is the 5volts Regulator circuit by U3, CE1, CE2

Block3 : This is the micro-controller (U2).

Block4 : This is the real time circuit. XT2 supply the real time clock to the U2.

Block5 : This is the radio power control circuit by U2.
U2 make radio frequency circuit (B6, B7) enable by Block5.

Block6 : : This is the basic oscillation circuit to radiate the radio frequency.
(433.920MHz by SAW1)
And By switching(between 0v and 5V) at R26 the frequency modulation is done.

Block7 : The basic frequency 433.920MHz of Block7 will be amplified at this by Q5.

Block8 : Besides 433.920MHz will be removed by first filter. (L6, C19)

Block9 : Besides 433.920MHz will be removed by second filter. (L1, C1, C2)

Block10 : This is the Low Noise Amplify circuit by Q7, L3, C5

Block 11 : This is the 434.0MHz SAW Filter circuit by SAW2.

Block 12 : This is the Local Frequency oscillator(423.2202MHz) circuit by
U1, XT1, C41, C42.

Block 13 : This is the 1 Chip Receiver IC (Mixer, Multiplier, Demodulator) circuit by U1.

Block 14 : This is the reception power control circuit by U2.