

Operation Description

Transmitters in the ‘List of Transmitter’ are powered by 3.7Vdc within batteries. The frequency range is between 902.6MHz - 924.3MHz. It’s frequency selectable and can be tuned by the end user. The transmitters rated transmitting power is 10 mW.

During manufacturing process, adjusting the electrical inductances L9、L10、L11、L12、L13, vary from 1-100nH to get requested frequency, and may exchange 6 capacitors paralleled with them from 1-100pF if any.

Modulation type: FM, antenna type: PIFA antenna.

Oscillator of crystal frequency:

OSC Frequency	Location
24.000 MHz	Y1

List of Transmitter:

Operation Frequency each of Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	902.6MHz	16	907.1	31	915.6	46	920.1
2	902.9MHz	17	907.4	32	915.9	47	920.4
3	903.2MHz	18	907.7	33	916.2	48	920.7
4	903.5MHz	19	908.0	34	916.5	49	921.0
5	903.8MHz	20	908.3	35	916.8	50	921.3
6	904.1MHz	21	908.6	36	917.1	51	921.6
7	904.4MHz	22	908.9	37	917.4	52	921.9
8	904.7MHz	23	909.2	38	917.7	53	922.2
9	905.0MHz	24	909.5	39	918.0	54	922.5
10	905.3MHz	25	909.8	40	918.3	55	922.8
11	905.6MHz	26	910.1	41	918.6	56	923.1
12	905.9	27	910.4	42	918.9	57	923.4
13	906.2	28	910.7	43	919.2	58	923.7
14	906.5	29	911.0	44	919.5	59	924.0
15	906.8	30	911.3	45	919.8	60	924.3