

### 1. General Introduction

This RF Transmitter/Receiver is designed for finding new friend using electronic signal. If a boy wants to find his girl friend to see the movie, he can select its mode and wait until he finds suitable girl friend who wants to see the movie with some boy friend. It makes people to have excitement and curiosity.

### 2. Features

- There are for man and woman.
- It doesn't work between same sex.
- It works within 8 - 10 meters range.

### 3. How to use

- Turn on power, and Mode LED will blink as sequence from 1 to 5 and Get/Find indication LED 2 times with bip sound from the buzzer.
- User selects one mode from 1 to 5 and it start to activated to others.
- If different user is within 10 meters range with different mode, two machines start to indicate "FIND" light with bip sound in case that two of them select different mode.
- If different users is within 10 meters range with same mode, two machines start to activate and indicate "GET" light with bip sound.
- In case of "FIND" light, one of two users can change the mode to find "GET" mode from 1 to 5. And if they are matched with same mode, both of machine indicate "GET" light with bip sound.
- User does not want to hear the bip sound they can press mode switch for 2-3 seconds. And to make it on, press mode switch for 2-3 seconds as well.

### 4. Specification

- Operating voltage : DC 3 Volts
- Transmitting Frequency : 905 MHz (ADJUSTABLE UPON EACH COUNTRY)
- Receiving Frequency : 915 MHz (ADJUSTABLE UPON COUNTRY)
- Mode Keys : 5 modes (Blind date/Dinner/Party Partner/Karaoke/Discotheque)
- Battery : 2 of AAA size Battery

### 1. General Specification

- 4 BIT CPU
- 8-Bit internal bus (support 8-bit read/write operation)
- Program memory (ROM) sizes : Upto 32K bytes
- Data memory (RAM) size : Upto 5,120 nibbles
- Upto 10 interrupt sources, with upto 7 vectors
- External oscillation source : crystal, ceramic or RC
- CPU clock frequency : 0.4 - 6 MHz
- Instruction cycle time : 667ns at 6MHz
- Flexible instruction set (50 instruction)
- Supply voltage range (VDD) : 1.8 - 5.5V
- Idle and Stop modes for reduced power consumption
- Operating temperature range : -40 - 85 Deg C

### 2. Function

- Power KEY

Push switch 2-3 second for ON/OFF of power

- Mode Key (5 selectives)

To change the mode, press once

- Power Save

Power OFF one hour later after key operation

- Compatible to Japanese Love Getty

Mode 1,2,3 are working with Japanese mode for FIND & GET function perfectly.  
Mode 4,5 are working with Japanese mode for FIND function only.

### 3. CPU PIN Description

Pin No.	Function	Pin No.	Function
1	Buzzer Control	11	Reset
2	Tx Data Out	12	Rx/Tx Selection
3	Rx Data In	13	Tx-Sync
4	Mode/Alarm Key	14	Find LED
5	Power Key	15	Mode 3 LED
6	Mode 4 LED	16	Mode 2 LED
7	Mode 5 LED	17	Mode 1 LED
8	X_Out	18	GET LED
9	X_In	19	N.C.
10	Vss	20	Vcc