

# Wireless JoyStick Remote Control

MCU: ATmega8A

Transmission speed: 2000bps

Library: VirtualWire, OS\_JoystickCtrl

Message: 5bytes

1Byte: **0x7E**

2Byte: X-axis value / 4 (0 - 255)

3Byte: Y-axis value / 4 (0 - 255)

4Byte:

0	0	0	0	Z-axis	B2	B1	B0
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If Z-axis = 0, z button is not pressed. If Z-axis = 1, z button is pressed.

[B2 B1 B0] =

[0 0 0] K1 K2 K3 K4 all is not pressed.

[0 0 1] K1 is pressed

[0 1 0] K2 is pressed

[0 1 1] K3 is pressed

[1 0 0] K4 is pressed

5Byte: **0xEF**