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Arduino Robot Car Wireless Control using the HC-05 Bluetooth

== MASTER DEVICE - Joystick ==

by Dejan Nedelkovski, www.HowToMechatronics.com

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int xAxis, yAxis;

void setup() {

Serial.begin(9600); // Default communication rate of the Bluetooth module

}

void loop() {

xAxis = analogRead(A0); // Read Joysticks X-axis

yAxis = analogRead(A1); // Read Joysticks Y-axis

// Send the values via the serial port to the slave HC-05 Bluetooth device

Serial.write(xAxis/4); // Dividing by 4 for converting from 0 - 1023 to 0 - 256, (1 byte) range

Serial.write(yAxis/4);

delay(20);

}