

  

**RS232 Serial Port Adapter Module JY-R2T V1.3 USB Game Joystick**

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This is a MAX3232 breakout board, designed to allow the addition of a RS232 connection to your project. This module allows you to add a communication connection

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FEATURES

* **Drive Voltage:**
3 - 5V
* **Can be USB Powered:**
Yes
* **Characteristics:**
PWR, RX and TX LEDs
* **Communication Format:**
Serial
* **Communication Chipset:**
MAX3232
* **Baud Rate:**
150K
* **Pin pitch:**
2.54
* **Connectors:**
RS232
* **Operating Temperature:**
-40°C to 85°C (unconfirmed)
* **Number of Pieces:**
1
* **Included Items:**
1 4pin 20cm F-F Jumper wire

DESCRIPTION

This is a MAX3232 breakout board, designed to allow the addition of a RS232 connection to your project. This module allows you to add a communication connection to your project, from programming small microcontrollers to a personalised computer keyboard.

Please do not hesitate to contact us if you require further information regarding the module's operation.

|  |  |
| --- | --- |
| **Pin** | **Description** |
| VCC | 3-5V |
| GND | 0V |
| RXD | Receive |
| TXD | Transmit |
| CLK | Output clock |

#include <SoftwareSerial.h>

//New serial port for my shield
SoftwareSerial Mx3232Serial =  SoftwareSerial(7, 8);

//variabile
//char EchoChar = 'A';
char Str1[ ] = "s";

//String Str1 = " s";
//String Str1 = String(' s',HEX);

String Buffer; unsigned long T;

void setup()  {
//pin7(RX) Input
pinMode(7, INPUT);
//pin8(TX) Output
pinMode(8, OUTPUT);

Mx3232Serial.begin(9600);

Serial.begin(9600);
}

void loop() {
//leggo dalla seriale(pin7)
//EchoChar = PortaSeriale.read();
//invio il dato letto
Mx3232Serial.print(Str1);

//Serial.println(Mx3232Serial.read());

Buffer = "";
T = millis();

 while (millis() - T < 10)  {         // read all the chars on the serial
   while (Mx3232Serial.available() > 0) {
     Buffer += char(Mx3232Serial.read());
   }
 }

 if (Buffer.length() > 0) {           // transmit to Serial Monitor
   Serial.print(Buffer);
 }

delay(1000);

Serial.print(Str1);

}

https://forum.arduino.cc/index.php?topic=137447.0