

Atomic RS232 Base

SKU:A136



Description

Atomic RS232 Base is a TTL-RS232 level converter designedfor Atom series controllers.** RS-232** is a standard for serial communication between computers and peripheral devices, defining electrical characteristics and data transmission protocols. The module utilizes the MAX232 chip, enabling bidirectional conversion between TTL and RS232 voltage levels. Additionally, it incorporates an internal **DC-DC** buck voltage regulator chip, allowing support for external 12V voltage level to power the ATOM device.

Features

- Compatible ATOM Matrix/ATOM Lite/ATOMS3 Lite/ATOMS3
- Built-in DC/DC
- Full-duplex communication

Includes

- 1 × Atomic RS232 Base
- 1 × VH3.96-4P

Applications

Applications

- RS232 Communication
- Industrial control node

Specification

Resources	Parameters
External port	VH-3.96 4P
level-conversion IC	MAX232
DC-DC	A0Z1282CI
Case Material	Plastic(PC)
Product Size	24*48*18mm
Package Size	136* 92* 13mm
Product Weight	18g
Package Weight	28g



Products related to this item

[ATOM Lite \(C008\)](#)

[AtomS3 \(C123\)](#)

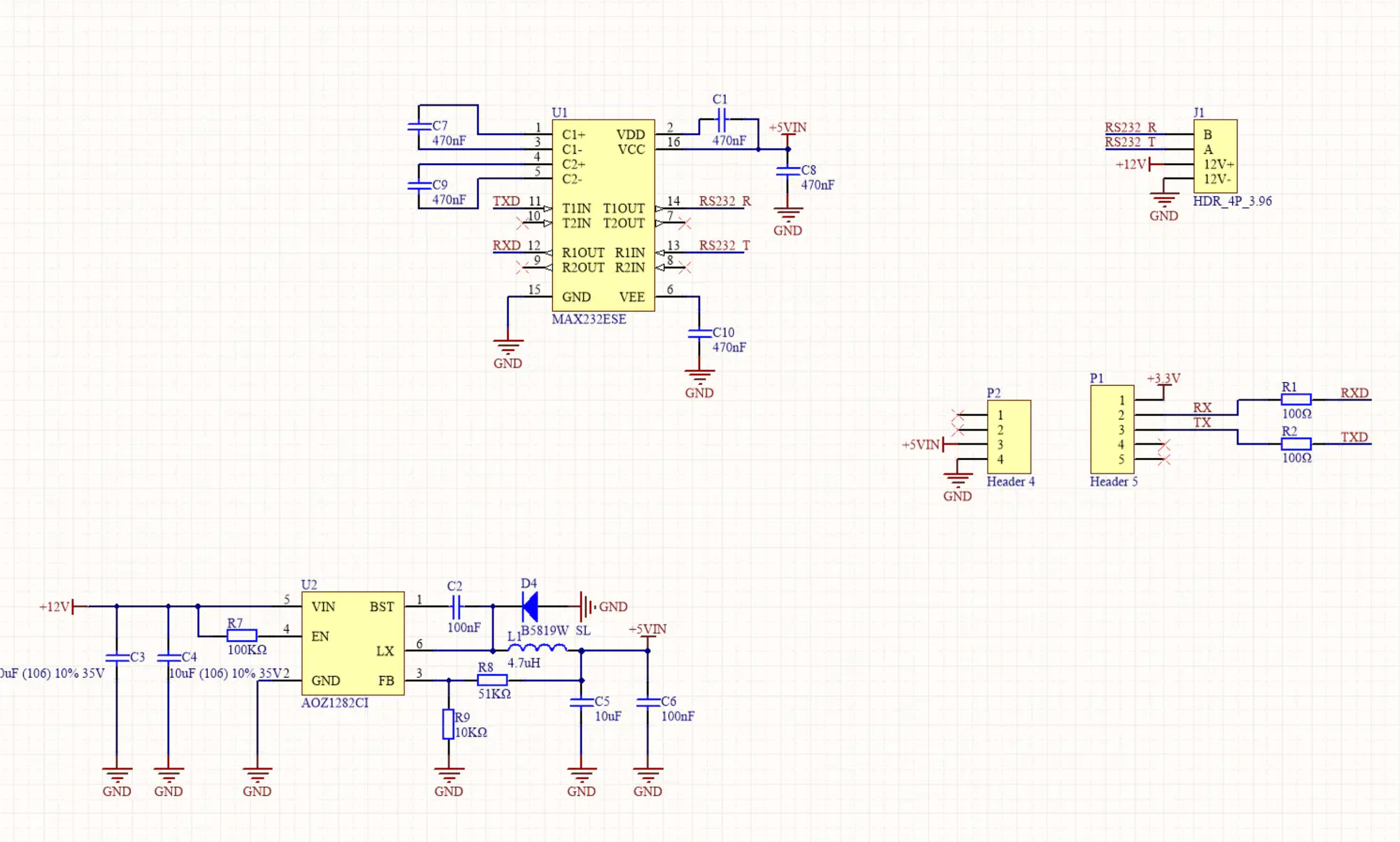
[AtomS3 Lite \(C124\)](#)

[TailBat \(T001\)](#)

Related Link

- [MAX232](#)
- [AOZ1282CI](#)

Schematic



EasyLoader

- Windows**
 - [EasyLoader_ATOM_RS232](#)

PinMap

ATOM	GPIO22	GPIO19	5V	GND
ATOM RS-232	RX	TX	5V	GND

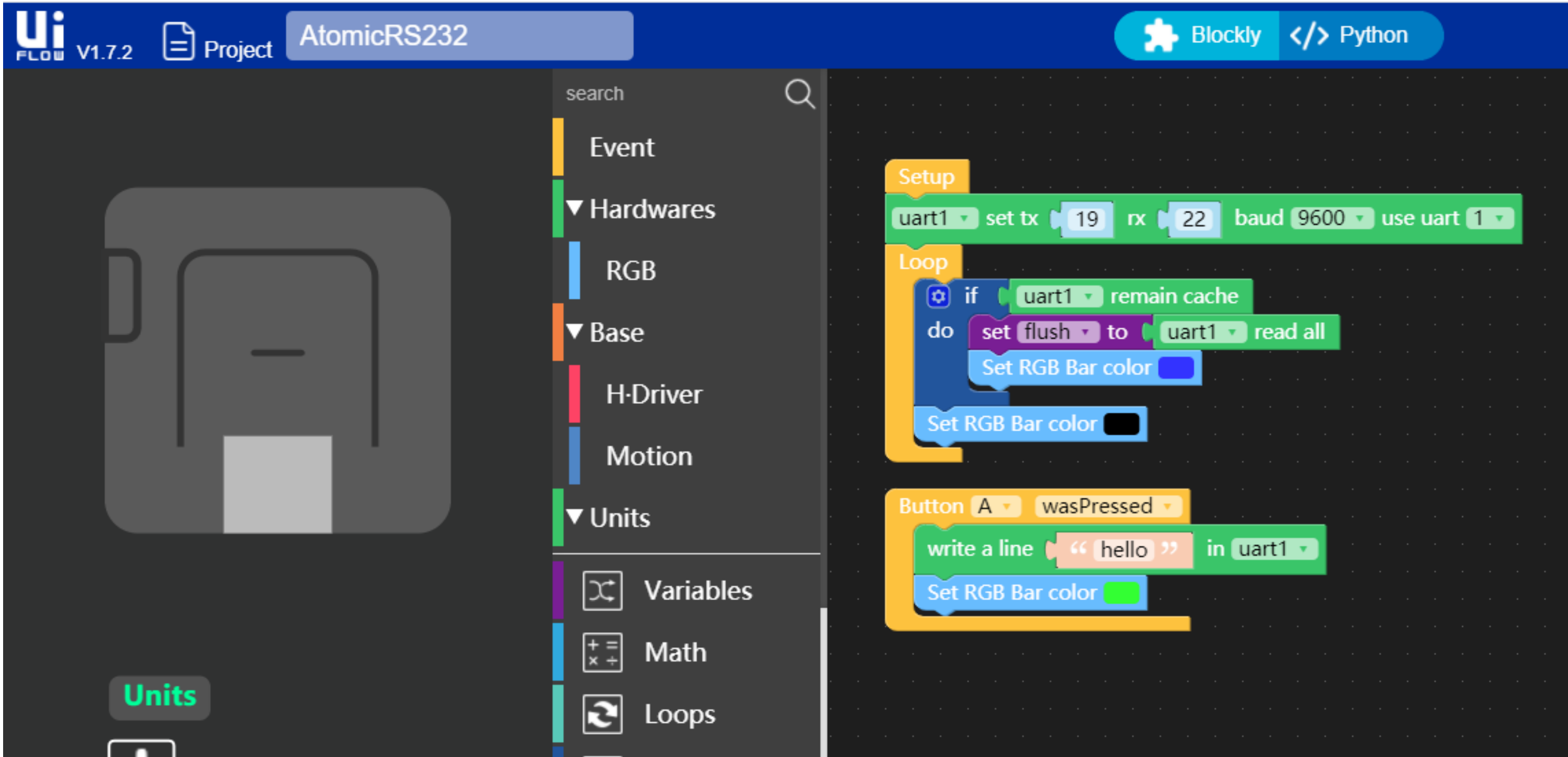
Examples

Arduino

- [Atomic RS232 Base Communication Demo](#)

UIFlow

- Atomic RS232 Base UIFlow Communication Demo



Video

- AtomicRS232 Demo
- AtomicRS232 Communicate With ATOM Printer