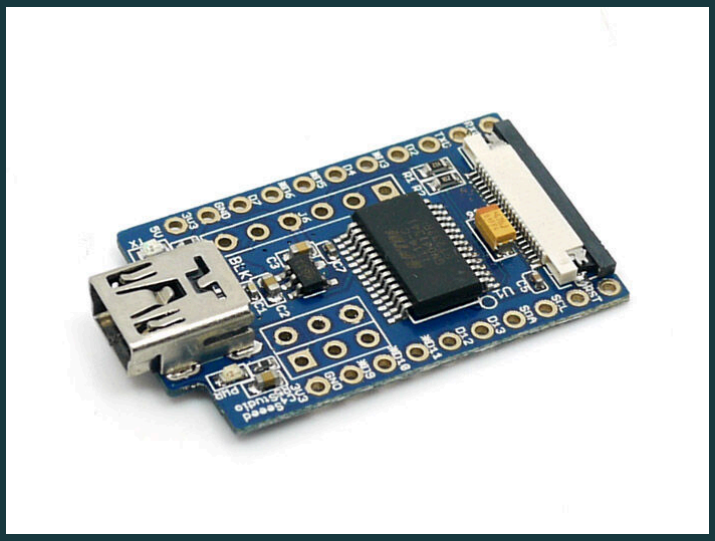
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INDUSTRIAL PRODUCT DATASHEET

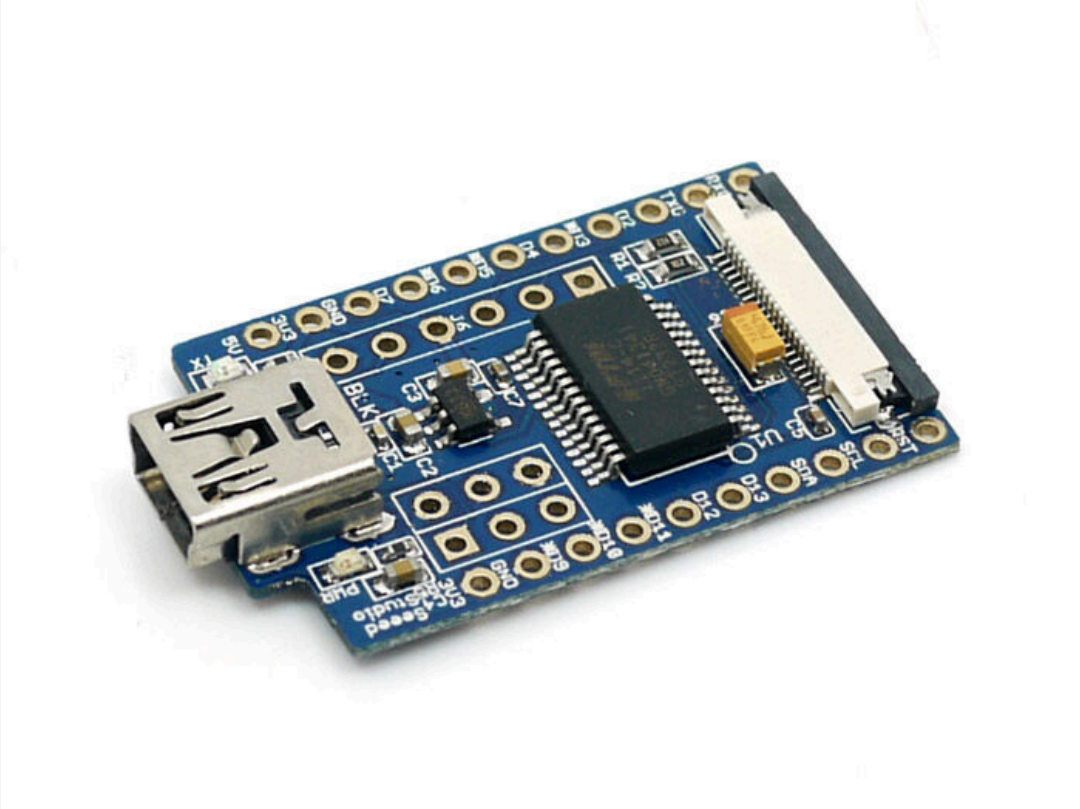
Seeeduino Frame - UartSBs

Seeeduino Frame - UartSBs is a USB adapter and FT232RL breakout board for Seeeduino Film with 3.3V logic and bit-bang I/O capabilities.

SKU	UPDATED	PRICE
103010001	2024-08-09 02:12:56	$17.90(Excl. VAT)



Overview



Seeeduino Frame - UartSBs is a USB programming adapter for Seeeduino Film, featuring an FT232RL USB UART IC for 3.3V MCU programming and communication. It also serves as a low-voltage FT232RL breakout board with bit-bang mode I/O pins suitable for parallel port replacement applications.

Key Features

UartSB Frame is a USB based programming adapter for **Seeeduino Film** equipped with a FPC socket. The integrated USB UART IC FT232RL can be used for programming or communicating with MCUs with 3.3V logic. It also doubles as a "FT232RL" Low Voltage(3.3V) Breakout board. UartSB Frame provides breakouts for the bit-bang mode pins of FT232RL as well.This Bit-bang mode pins (8 I/O pins) can be used as a replacement for applications involving PC parallel port which is scares now a day.

Features

- USB 2.0 compatible Serial Interface.
- 20 Pin FPC connector for connecting to Seeeduino Film
- 3.3V compatible I/Os.
- 3.3V and 5V dual power outputs.
- Bit-Bang mode ready (8 Serial I/Os or as SPI).
- LEDs for TxD,Rxd and Power.

Applications Ideas

- Programmer for Seeeduino Film and 3.3V compatible boards.
- USB to Serial adapter for communicating with 3.3V level Serial devices.
- Programmer for micro-controllers / CPLDs using ISP(in-circuit-serial-programming).
- 3.3V / 5V power source for a breadboard MCU applications
- Endless possibilities as a USB based parallel device in FT232RL bit-bang mode - Known to work as AVR-ISP, Slowspeed JTAG with OpenOCD and as I2C

Documents

Please visit our **wiki page** for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our **forum**.

Product Gallery





Resource Links

- https://www.seeedstudio.com/Seeeduino-Frame-UartSBs-p-778.html
- Schematic and Board Files in Eagle
- PDF Schematic

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com