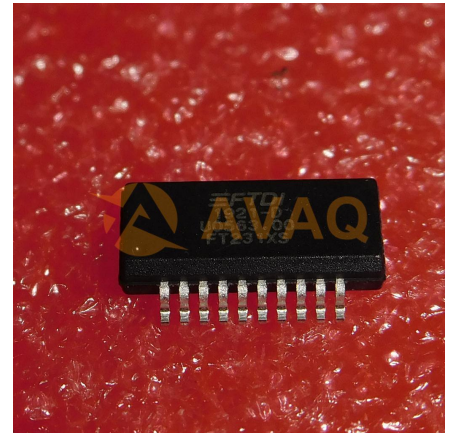


USB-to-UART 1-CH 512byte FIFO 5V 20-Pin SSOP T/R**Manufacturer:** [FTDI Chip](#)**Package/Case:** SSOP-20**Product Type:** Drivers**RoHS:** RoHS Compliant/Lead free **Lifecycle:** Active

Images are for reference only

[Inquiry](#)**General Description**

Key Features

Single Chip USB to Asynchronous Serial Data Transfer Interface

Entire USB Protocol Handled on Chip, No USB Specific Firmware Programming Required

Fully Integrated 2048-byte EEPROM for Storing Device Descriptors and CBUS I/O Configuration

Fully Integrated Clock Generation with no external crystal required + Optional clock o/p selection

Data Transfer Rates from 300 baud to 3Mbaud

512-byte Transmit and Receive Buffer utilising buffer smoothing technology for high data throughput

Royalty-free VCP and Direct (D2XX) drivers eliminate requirement for USB driver development

Configurable CBUS I/O Pins

Transmit and Receive LED Drive Signals

UART Interface Support for 7 or 8 Data Bits, 1 or 2 Stop Bits and Odd/Even/Mark/Space/No Parity

Synchronous and Asynchronous Bit Bang Interface Options with RD# and WR# Strobes

Battery Charger Detection, presence of a charger on USB port to enable faster charging of Batteries

Device Supplied Pre-programmed with Unique USB Serial Number

Supports Bus Powered, Self-powered and High-power Bus Powered USB Configurations

Integrated +3.3V Level Converter for USB I/O

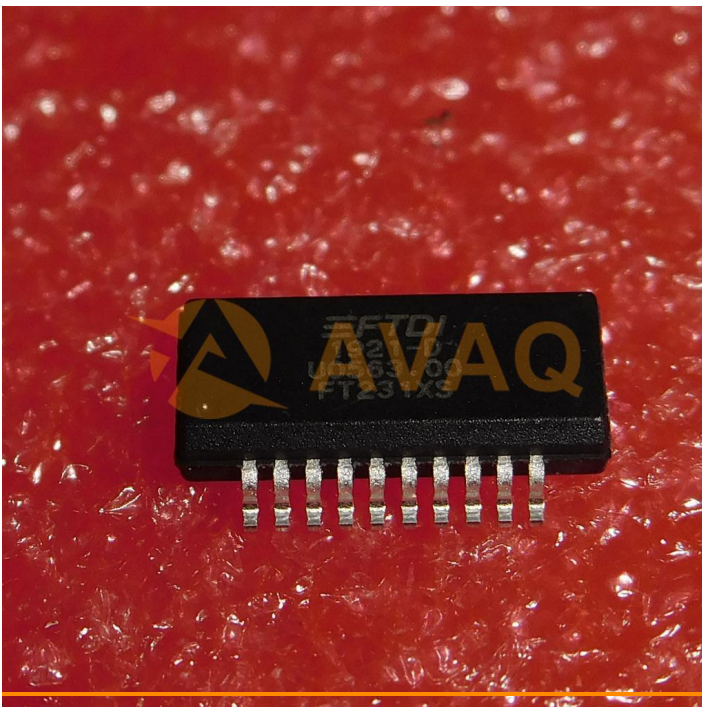
True 3.3V CMOS drive output and TTL input (Operates down to 1V8 with external pull up)

Configurable I/O Pin Output Drive Strength

Integrated Power-on-reset Circuit

UART Signal Inversion Option

Internal 3.3/1.8V LDO Regulators



Recommended For You

FT232RQ-Reel

FTDI Chip

QFN32

FT311D-32L1C-R

FTDI Chip

LQFP32

FT234XD-R

FTDI Chip

DFN-12

FT232BM

FTDI Chip

QFP32

FT230XQ-R

FTDI Chip

QFN16

FT201XS-R

FTDI Chip

SSOP16

FT200XD-R

FTDI Chip

DFN-10

FT234XD-T

FTDI Chip

DFN-12

FT4232H-56Q-TRAY

FTDI Chip

VQFN-56

FT232RQ-Tray

FTDI Chip

QFN32

FT260S-U

FTDI Chip

TSSOP-28

FT231XS-U

FTDI Chip

SSOP-20

FT201XQ-R

FTDI Chip

WQFN-16

FT245RL-Reel

FTDI Chip

SSOP-28

FT220XS-R

FTDI Chip

SSOP-16