USB-to-UART 1-CH 256byte FIFO 5V 32-Pin QFN EP T/R
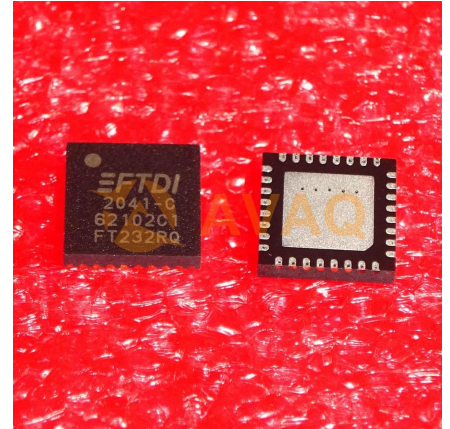
Manufacturer:	FTDI Chip
Package/Case:	QFN32
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free ![RoHS]
Lifecycle:	Active

Images are for reference only

Inquiry

General Description

Key Features

Single chip USB to asynchronous serial data transfer interface

Entire USB protocol handled on the chip. No USB specific firmware programming required

Fully integrated 1024 bit EEPROM storing device descriptors and CBUS I/O configuration

Fully integrated USB termination resistors

Fully integrated clock generation with no external crystal required

Data transfer rates from 300 baud to 3 Mbaud (RS422, RS485, RS232) at TTL levels

128 byte receive buffer and 256 byte transmit buffer

FTDI royalty-free Virtual Com Port & Direct drivers eliminate requirement for USB driver development

Unique USB FTDI Chip-ID feature

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

FIFO receive and transmit buffers for high data throughput

Synchronous and asynchronous bit bang interface options with RD# and WR# strobes

Device supplied pre-programmed with unique USB serial number
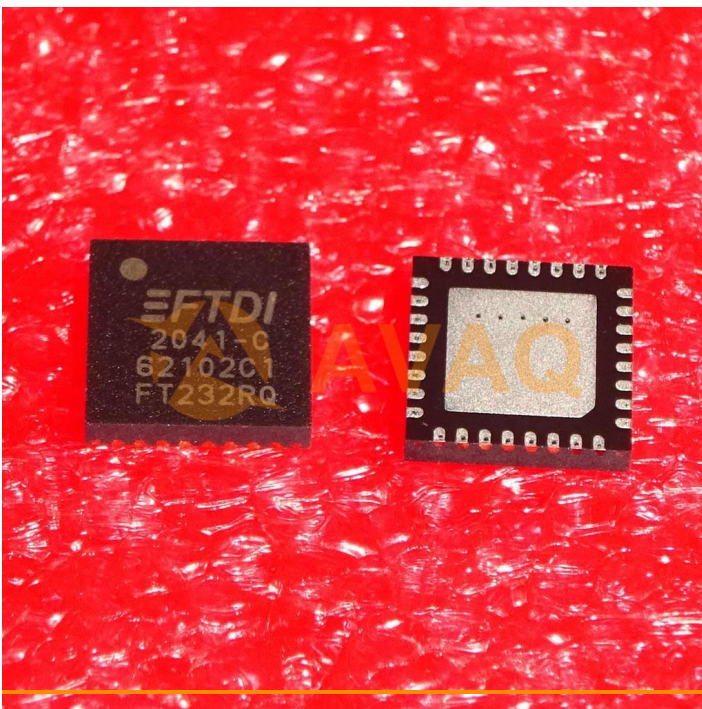
Supports bus powered, self powered and high power bus powered USB configurations

Integrated +3.3V level converter for USB I/O

Integrated level converter on UART and CBUS for interfacing to between +1.8V and +5V logic

True 5V/3.3V/2.8V/1.8V CMOS drive output and TTL input

Configurable I/O pin output drive strength

Recommended For You

FT231XS-R

FTDI Chip

SSOP-20

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