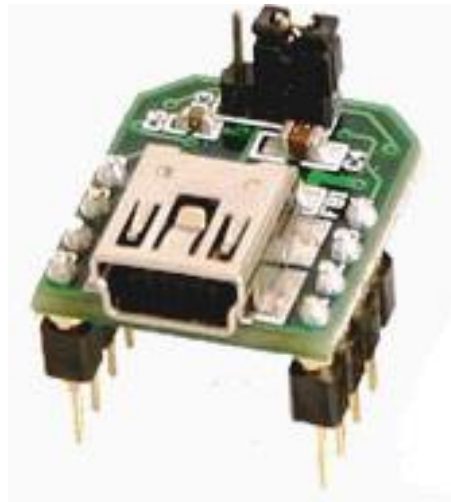# EARTH PEOPLE TECHNOLOGY

VISIPORT
USB To Serial Adapter
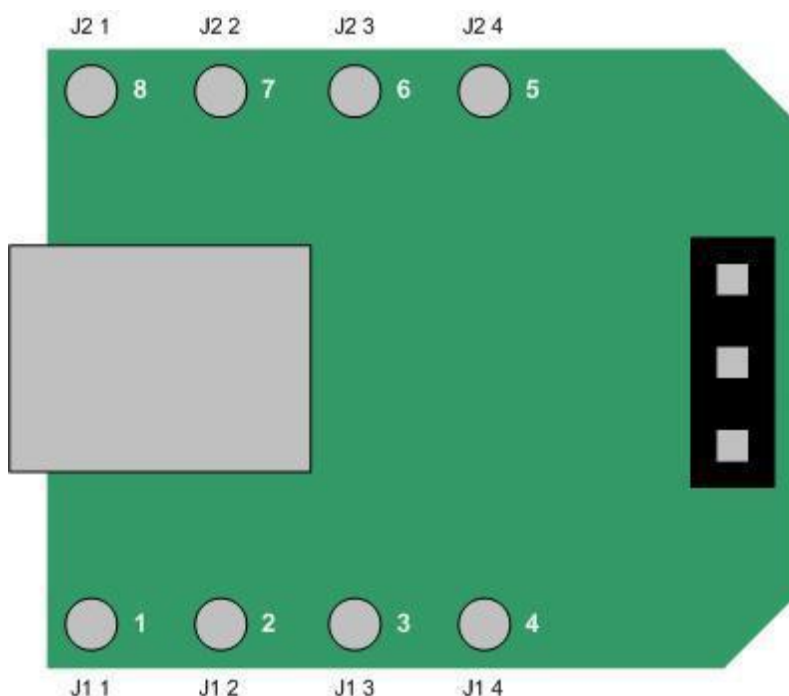# Data Sheet

The VisiPort

The EPT VisiPort is a USB To Serial Adapter Module. It's designed to be used in debugging microcontroller applications. It's user signal inputs and outputs can be selected between +3.3 Volt and +5 Volt.

The VisiPort is based on the FTDI FT232RQ USB to Serial UART IC which handles all the USB signaling and protocols. The VisiPort supports RTS/CTS hardware handshaking and is USB powered. The module supports data transfer rates from 300 baud to 3 Mbaud.

VisiPort Connection Pin Out

The electrical connections to the VisiPort module are shown in the figure and table below.
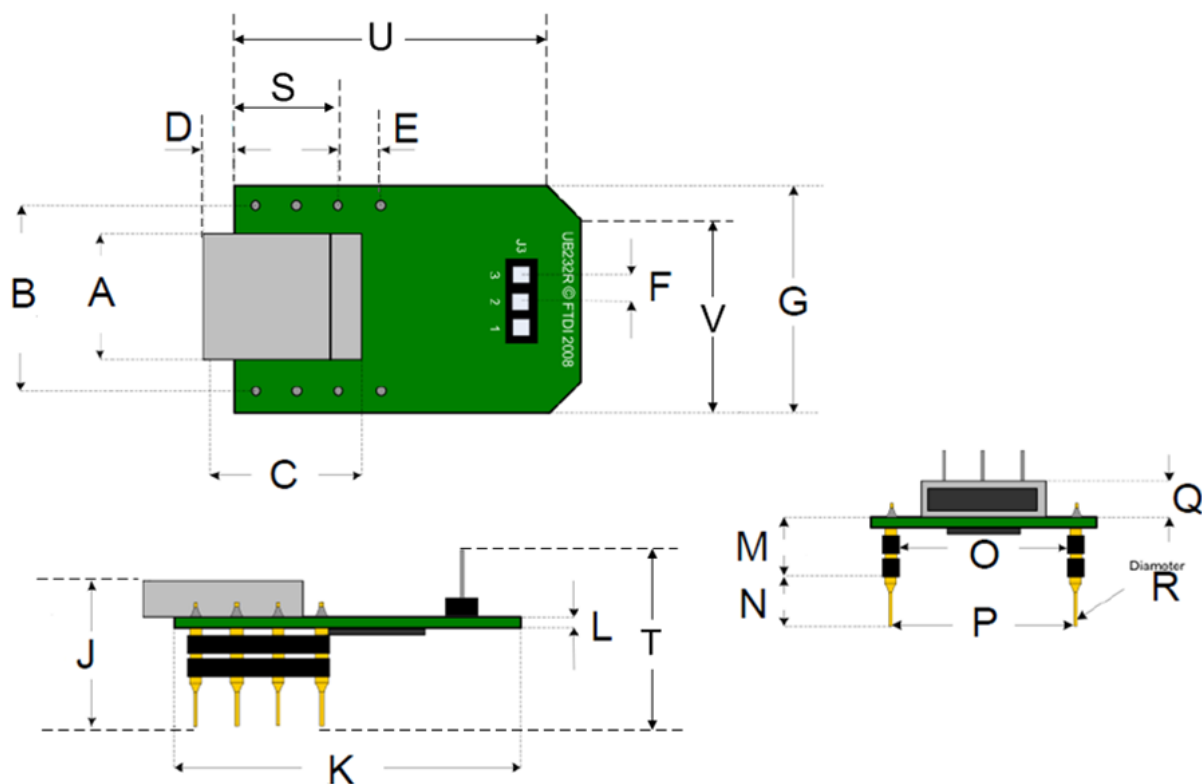
Silkscreen Pin	Connector Pin	Name	Description
1	J1-1	GND	0V Power Pin
2	J1-2	VCC	+5V Power from USB Interface
3	J1-3	CTS#	FT232R CTS Pin
4	J1-4	RTS#	FT232R RTS Pin
5	J2-4	CBUS1	FT232R CBUS1 Pin
6	J2-3	CBUS0	FT232R CBUS0 Pin
7	J2-2	RXD	FT232R RXD Pin
8	J1-1	TXD	FT232R TXD Pin

Connector J3	Function
Link 1-2 connected	VCCIO and RESET# driven connected to VCC (+5V)
Link 2-3 connected	VCCIO and RESET# driven connected to +3.3V output of FT232R LDO regulator

	Dimensions (mm)		Dimensions (mm)		Dimensions (mm)		Dimensions (mm)
A	7.0 +/- 0.1	F	2.0 +/- 0.005	M	8.0 +/- 0.1	R	0.5 +/- 0.005
B	12.7 +/- 0.1	G	15.24 +/- 0.2	N	5.0 +/- 0.1	S	6.35 +/-0.005
C	7.0 +/- 0.1	J	17.0 +/- 0.2	O	10.0 +/- 0.1	T	18.90 +/-0.005
D	2.0 +/- 0.005	K	17.78 +/- 0.2	P	12.7 +/- 0.1	U	15.24 +/-0.005
E	2.54 +/- 0.005	L	1.60 +/- 0.005	Q	4.0 +/- 0.1	V	12.70 +/-0.005