Model: UT-768I

(Product Name：PCI to 8-port RS-232 opto-isolated high-speed serial card)

Datasheet

1. Overview

UT-768I is a universal PCI serial card designed for POS, ATM and other applications that can be used in industrial automation system manufacturing and system integration. UT-768I provides 8 RS-232 serial ports with built-in opto-isolator, capable of providing up to 2500Vrms isolation voltage, and can connect to a wide range of serial devices such as PC, terminals, modems, printers, scanners, etc. Each port is capable of data rates up to 921.6Kbps and provides modem control signals to ensure compatibility with serial device peripherals. the UT-768i can operate on both 3.3V and 5V PCI buses, allowing the multi-serial card to be installed in any available PC or server.

2. Major Functions & Features

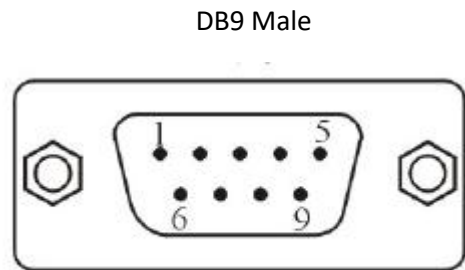- Support PCI to 8-port RS-232 opto-isolated high-speed serial card

3. Technical Parameters

- Hardware Interface
  Connection Type: 1 HDR78 Female
  BUS: 32 bit Universal PCI
- Signal: RS-232: DCD, RXD, TXD, DTR, GND, DSR, RTS, CTS, RI
- Transmission rate: 300bps-921.6kbps
- Data bits: 5, 6, 7, 8
- Stop bits: 1, 1.5, 2
- Parity bits: None, Even, odd, space, Mark
- Stream control: RTS/CTS XON/XOFF
- Operating temperature: -40～85°C
- Opto-isolated: Isolation voltage 2500Vrms 500DC continuous dedicated DC/DC module
- Interface protection: ±15K V electrostatic protection
- Support system: Win2000/2003/XP/Vista/7/8/8.1/10/NT4.0/CE 4.2/5.0/6.0/Vxworks/Linux 2.4.x/2.6.x

4. Interface Definition

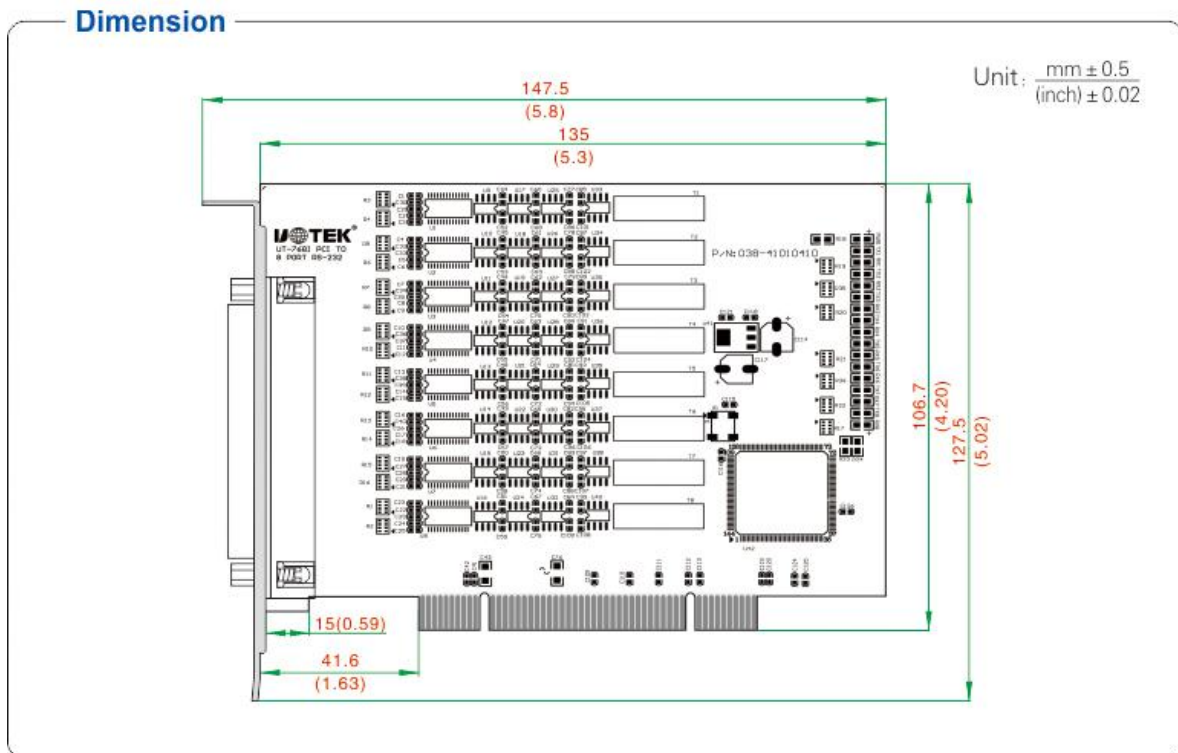- DB9 pin: RS-232C output signal pin assignment (Port1-Port8)

DB9 Male(PIN)	RS-232C interface signal
1	GND
2	Receive data SIN (RXD)
3	Transmit data SOUT (TXD)
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

DB9 Male

5. Product View (Appearance)

6. Structure dimensions

7. Ordering

Model	Signal/ Interface		Port number		Protection level	Baud rate	Operating Environment			Power	
	PCI	RS-232	PCI	RS-232	RS-232		Temperature		Humidity	plug and play	External power
							-25~70℃	-40~85℃	5~95%		
UT-768I	Universal	HDR78	1	8	±15KV ESD 600W Surge	300bps-921.6kbps		√	√	√	

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4