

# TOSHIBA T series

Toshiba T series

<http://www.tic.toshiba.com>

## HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	Toshiba T Serial		
Com port	RS232	RS232/RS485	In accordance with plc port
Baud rate	9600	9600, 19200,38400,57600,115200	Must same as the PLC setting
Parity bit	Odd	Even, Odd, None	Must same as the PLC setting
Data Bits	8	7,8	Must same as the PLC setting
Stop Bits	1	1, 2	Must same as the PLC setting
HMI Station No.	0	0-255	Does not apply to this protocol
PLC Station No.	0	0-255	In accordance with PLC setting

Online Simulator	YES	Extend address mode	YES
Broadcast command			

## PLC Setting:

Communication mode	<b>Must set PLC node ID</b>
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## Device address:

Bit/Word	Device Type	Format	Range	Memo
B	X	ddd(h)	0-9999f	Input Bit
B	Y	ddd(h)	0-9999f	Output Bit
B	R	ddd(h)	0-9999f	Auxiliary Bit
B	S	ddd(h)	0-9999f	Special Bit
W	T	ddd	0-9999	Timer Register
W	C	ddd	0-9999	Counter Register
W	D	ddd	0-9999	Data Memory
W	SW	ddd	0-9999	Special Register
W	XW	ddd	0-9999	Input Register
W	YW	ddd	0-9999	Output Register
W	RW	ddd	0-9999	Auxiliary Register

# Wiring diagram:

## RS232

**MT8000 RS232**  
9P D-SUB

COM1	COM2	COM3
3 TX	4 TX	7 TX
2 RX	6 RX	8 RX
5 GND	5 GND	5 GND

**Toshiba T1 PRG port**  
8P mini-D

8 RXD
6 TXD
5 GND
4 RTS
7 CTS

**MT8000 RS232**  
9P D-SUB

COM1	COM2	COM3
3 TX	4 TX	7 TX
2 RX	6 RX	8 RX
5 GND	5 GND	5 GND

**Toshiba T2 PRG port**  
9P D-SUB Female

2 RXD
3 TXD
5 GND
7 RTS
8 CTS

## RS485

**MT8000 COM1**  
**RS485**  
9P D-SUB

1 RX-
2 RX+
3 TX-
4 TX+
5 GND

**Toshiba T2 LINK port**  
15P D-SUB Female

11 TXB
3 TXA
10 RXB
2 RXA
7 SG
5 RTSA
4 CTSA
13 RTSB
12 CTSB