Siemens AG
SIMATIC S7-200 Series PPI

1 Target Configuration

1.1Supported Machine

CPU	Link I/F	Cable Diagram
SIMATIC S7-200	Port on CPU	Sample Diagram 1T

2 Device Configuration

2.1Device Range

[English Address Name]: Series=0

Device	Bit Address	Word Address	Word Order	Comment
Input	I00000.0 - I65535.7	IW00000 - IW65534	H/L	Word Address/2
Output	Q00000.0 - Q65535.7	QW00000 - QW65534		Word Address/2
Marker	M00000.0 - M65535.7	MW00000 - MW65534		Word Address/2
Variable	V00000.0 - V65535.7	VW00000 - VW65534		Word Address/2
Timer	---	T00000 - T65535		Read Only
Counter	---	C00000 - C65535		Read Only

[Germany Address Name]: Series=1

Device	Bit Address	Word Address	Word Order	Comment
Input	E00000.0 - E65535.7	EW00000 - EW65534	H/L	Word Address/2
Output	A00000.0 - A65535.7	AW00000 - AW65534		Word Address/2
Marker	M00000.0 - M65535.7	MW00000 - MW65534		Word Address/2
Variable	V00000.0 - V65535.7	VW00000 - VW65534		Word Address/2
Timer	---	T00000 - T65535		Read Only
Counter	---	Z00000 - Z65535		Read Only

Note:
Read Only: The device cannot be written.

3 Environment Configuration

3.1Port String

Default Port String Key Table.

Key	Setting Value	Default	Comment
PortType	1: SIO	1: SIO	Port Type
PortName	COM1 - COM8	COM1	Port Name
SioType	1: RS-232C 2: RS-485 (2wire)/RS-422 (2wire) 3: RS-422 (4wire)	2: RS-485 (2wire)	Sio Type
Baudrate	24: 2400 bps 48: 4800 bps 96: 9600 bps 192: 19200 bps 384: 38400 bps 576: 57600 bps 1152: 115200 bps	192: 19200 bps	Baudrate
ByteSize	1: 7 Bits 2: 8 Bits	2: 8 Bits	Byte Size
Parity	1: None 2: Odd 3: Even	3: Even	Parity
StopBits	1: 1 Bit 2: 2 Bits	1: 1 Bit	Stop Bits
FlowControl	1: None 2: XON/XOFF 3: RTS/CTS	1: None	Flow Control
Timeout	1 - 255 (s)	2	Timeout
Retry	0 - 255	1	Retry when timeout
TxWait	0 - 65535 (ms)	0	Wait before Transmit
LocalAddress	1 - 126	1	Address for PC
PortType=1;PortName=COM1;SioType=1;Baudrate=192;ByteSize=2;Parity=3;StopBits=1;Flow Control=1;Timeout=2;Retry=1;TxWait=0;LocalAddress=1			Default String

3.2Node String

Default Node String Key Table.

Key	Setting Value	Default	Comment
Series	0: English Address Name 1: Germany Address Name	0: English Address Name	Series
RemoteAddress	1 - 126	2	Address for PLC
Series=0;RemoteAddress=2			Default String

4 COM Signal Information

These are signals sample of COM ports on your system.

SIO Type	Signal	Comment
RS-232C	CD	Please refer your COM about the Pin No.
	RXD/RD	
	TXD/SD	
	DTR/ER	
	SG	
	DSR/DR	
	RTS/RS	
	CTS/CS	
RS-422 *1	RDA/RD+/RX+	Please refer your COM about the Pin No.
	RDB/RD-/RX-	
	SDA/SD+/TX+	
	SDB/SD-/TX-	
	SG	
	ERA *2	
	CSA *2	
	ERB *2	
	CSB *2	
RS-485	A/A+	Please refer your COM about the Pin No.
	B/B-	
	SG	

*1 If the RS-422 card can be used as 2wire, please refer the manual for how to connect with 2wire.
The recommend method is that connect the [RDA] with [SDA], [RDB] with [SDB].
*2 If the RS-422 card does not have these pins, you can ingore these pin in the diagram.

5 Cable Diagrams

5.1Sample Diagram1 [RS-232C]