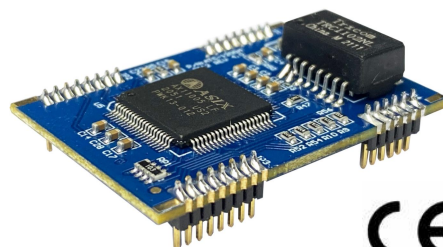
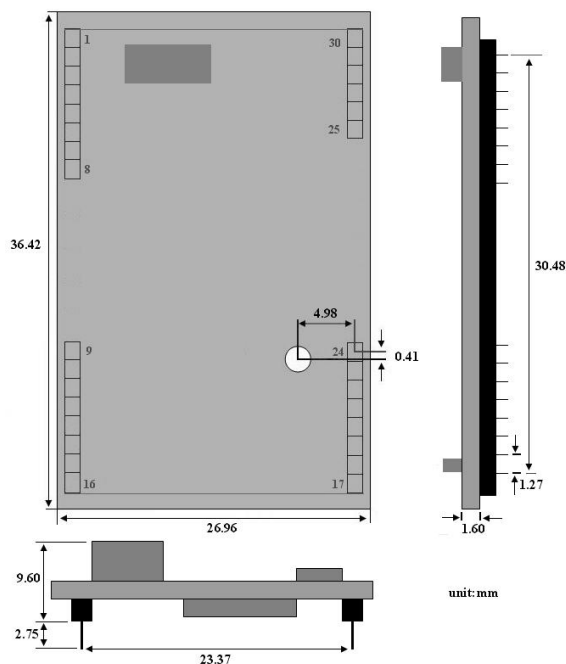


### Description

- Adds Ethernet connectivity for TTL devices
- 10/100Mbps Ethernet, Up to 921.6KBPS serial data rate
- Supports TCP/Server, TCP/Client and UDP mode
- Web consoles for device configuration
- Windows utility included for device management



### Dimensions (mm)



### Specifications

#### Form Factor

Type: 30-pin dual-inline drop-in module  
Pitch: 1.27mm  
Dimensions: 37x27x12mm

#### Network Interface

Type: 10/100BaseT, auto-detect  
Protocols: TCP, UDP, HTTP, Telnet, IP, ICMP, ARP  
IP addressing: DHCP, Static IP

#### Operation Modes

TCP/Server, TCP/Client and UDP mode

#### Serial Interface (TTL-level)

Signals: TxD, RxD, RTS, CTS, GND  
Baud: 1200 to 921600 bps  
Parity: None, Even, Odd  
Data bits: 7,8  
Stop bit: 1,2

Flow control: None, RTS/CTS, XON/OFF

#### Configuration Methods

Web console, Telnet Console and Serial Console  
Windows utility (included in CD)

#### General

Power input: 3.3VDC  
Power consumption: 200mA@+3.3VDC  
Operation temp.: -30~70C, 5~95% RH  
Storage temp.: -40~85C, 5~95% RH  
Regulation: CE/FCC compliant  
Warranty: 2 years

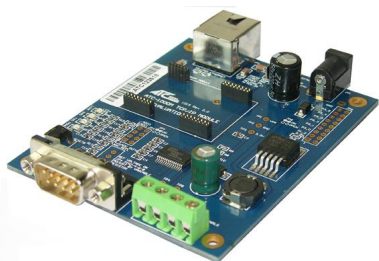
### Order information:

#### ATC-1200M

Serial-to-Ethernet Embedded module

#### ATC-1200 EVB

Kit for ATC-1200M, including one ATC-1200M module, one carrier board, one power adapter and one CD-ROM with VSP driver.



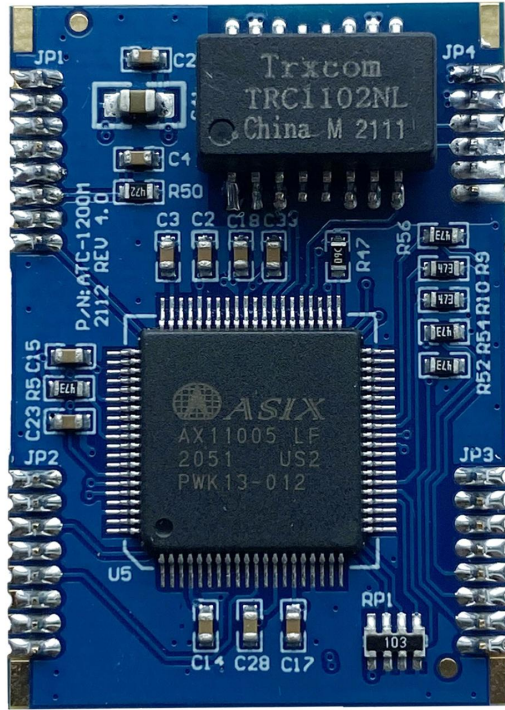
## ■ Pin Description

Type	Description
I	Input pin.
O	Output pin.
IPL	Input pin with internal pull low.
IPH	Input pin with internal pull high.
P	Power supply.
-	No Connection.

Pin No.	Label	Type	Description
1,	GND	P	Ground
2,	VCC3V3	P	3.3V supply voltage.
3	-	-	No Connection.
4	-	-	No Connection.
5	-	-	No Connection.
6	DEF1	I	Default setting button connect PIN1
7	DEF	I	Default setting button connect PIN0.Connect PIN0-PIN1 together more than 3S
8	LINK	O	LINK_LED.Connected to Ethernet drop to LOW
9	RXD2	I	TTL/CMOS driver input.
10	TXD2	O	TTL/CMOS receiver output.
11	RTS	O	Request To Send Control Output / Handshake signal.
12	-	-	No Connection.
13	CTS	I	Clear to Send Control input / Handshake signal.
14	-	-	No Connection.
15	-	-	No Connection.
16	-	-	No Connection.
17	-	-	No Connection.
18	Burn-E	I	Factory DEBUG/ Program only
19	Burn-B	I	Factory DEBUG/ Program only
20	IIC-C	I	Factory DEBUG/ Program only
21	TXD0	O	Factory DEBUG/ Program only
22	RXD0	I	Factory DEBUG/ Program only
23	485-DE	O	RS-485 transmitter Enable
24	485-RE	O	RS-485 receiver Enable
25	RX-	I	Ethernet receiver negative.
26	RX+		Ethernet receiver positive.
27	TX+	O	Ethernet transmitter positive.
28	TX-		Ethernet transmitter negative.
29	POE48V-	O	POE power supply negative up to 15.4 W
30	POE48+	O	POE power supply positive

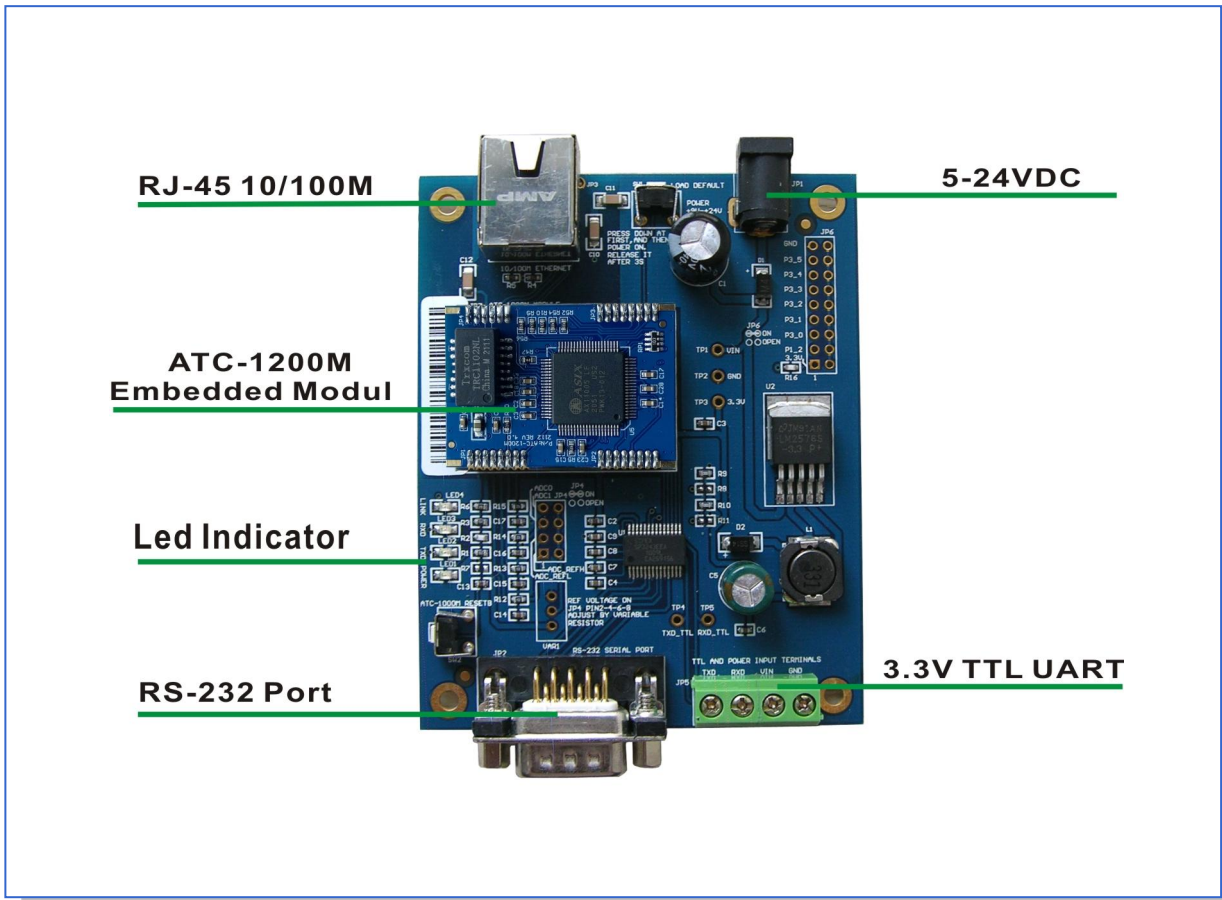
## PIN Assignment:

GND	1
VCC3V3	2
-	3
-	4
-	5
DEF1	6
DEF	7
LINK	8
-	
RXD2	9
TXD2	10
RTS	11
-	12
CTS	13
-	14
-	15
-	16



30	POE48V+
29	POE48V-
28	TX-
27	TX+
26	RX+
25	RX-
24	485-RE
23	485-DE
22	RXD0
21	TXD0
20	IIC-C
19	Burn-B
18	Burn-E
17	-

## Carrier Board Description:



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