UNO Shielded Ethernet W5100 Development Board

PRODUCT DESCRIPTION

Ethernet W5100 network expansion module, can become a simple Web server or a network control to read and write digital and analog interface and other network applications. IDE can be used directly in the Ethernet library files can be achieved with a simple Web server.We Are The Distributor Of TZT Brand In Hong Kong, China.

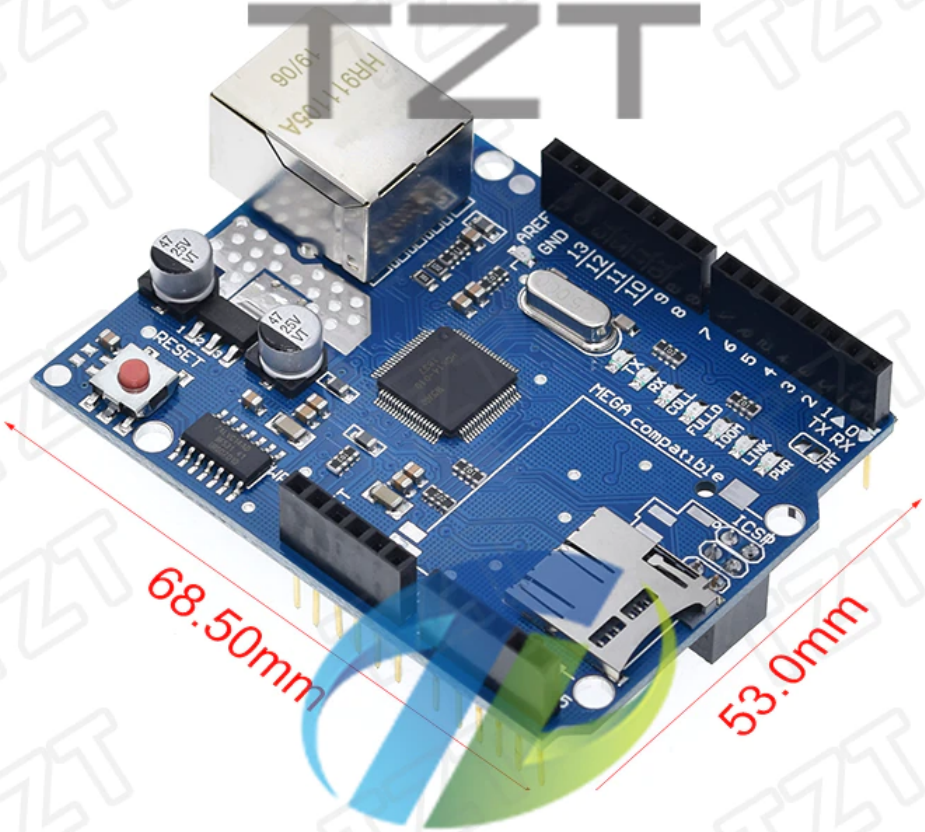
Meanwhile, the version supports mini SD card (TF card) reader

The expansion board uses a stackable design, it can be directly plugged into the , while our other expansion boards can also plug in to.

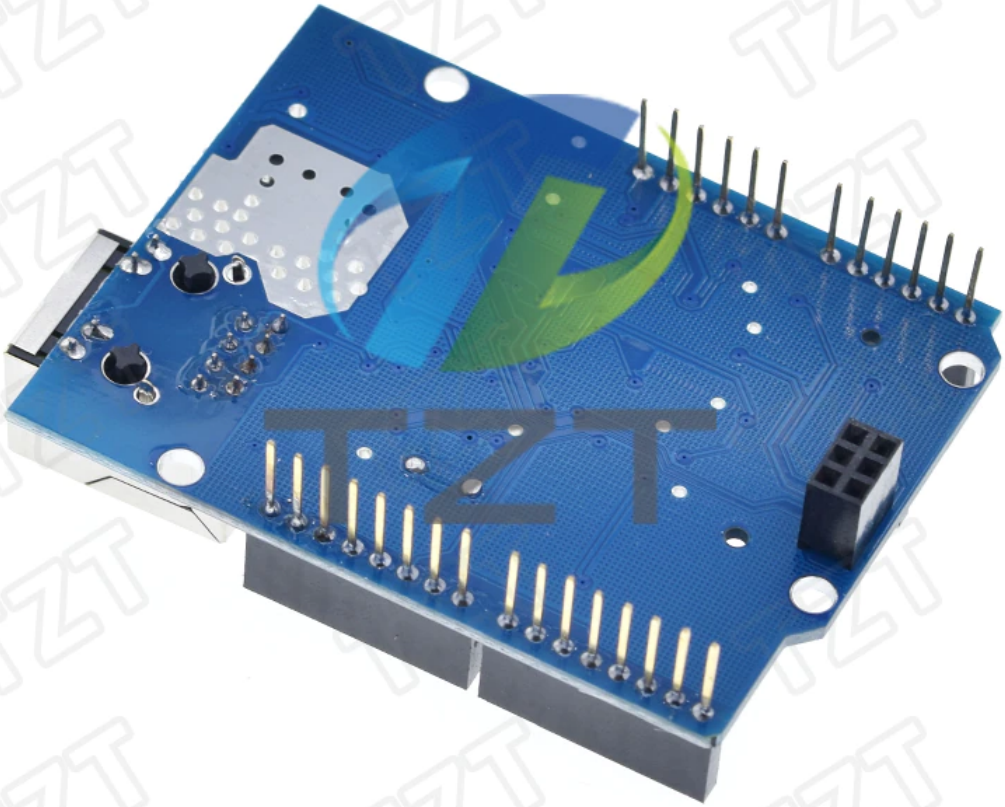
CODE

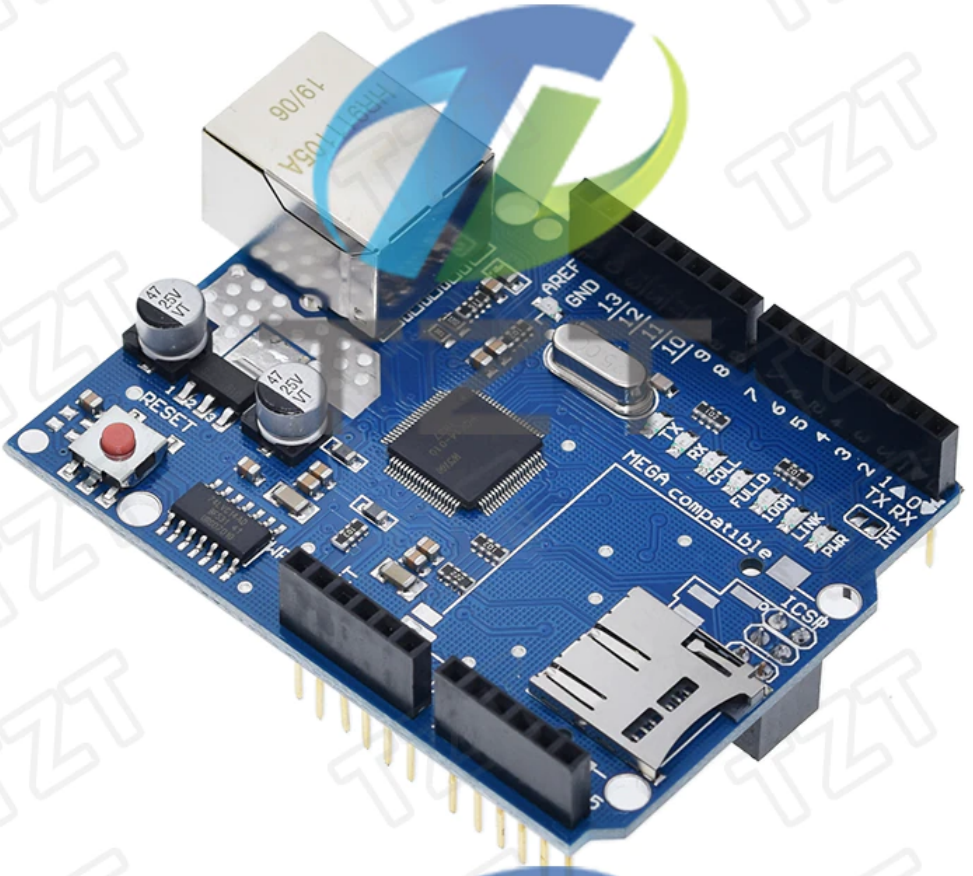
```
/ *
* Web Server
*
* A simple web server that shows the value of the analog input pins.
* /

#include

byte mac [] = {0xDE, 0xAD, 0xBE, 0xEF, 0xFE, 0xED};
byte ip [] = {192, 168, 0, 15};

Server server (80);

void setup ()
{
Ethernet.begin (mac, ip);
server.begin ();
}

void loop ()
{
Client client = server.available ();
if (client) {
// An http request ends with a blank line
boolean current_line_is_blank = true;
while (client.connected ()) {
if (client.available ()) {
char c = client.read ();
// If we've gotten to the end of the line (received a newline
// Character) and the line is blank, the http request has ended,
// So we can send a reply
if (c == '\ n' && current_line_is_blank) {
// Send a standard http response header
client.println ( "HTTP / 1.1 200 OK");
client.println ( "Content-Type: text / html");
client.println ();

// Output the value of each analog input pin
client.print ( "welcome to tinyos");
client.println ( "
");
client.print ( "// ************************************");
client.println ( "
");
client.print (www.tinyos.net.cn);
client.println ( "
```

```
");
client.print ( "// ************************************");
client.println ( "
");
for (int i = 0; i
client.print ( "analog input");
client.print (i);
client.print ( "is");
client.print (analogRead (i));
client.println ( "
");
}
break;
}
if (c == '\ n') {
// We're starting a new line
current_line_is_blank = true;
} Else if (c! = '\ R') {
// We've gotten a character on the current line
current_line_is_blank = false;
}
}
}
client.stop ();
}
}
```



MEGA compatible
ANALOG IN
RESET
3V3
5V
Gnd
9V
A0
A5




19/06
HR911105A
RESET
MEGA compatible
ICSP
AREF
GND
TX RX
INT
PWR
LINK
100M
FULLD
COLL
TX
RX

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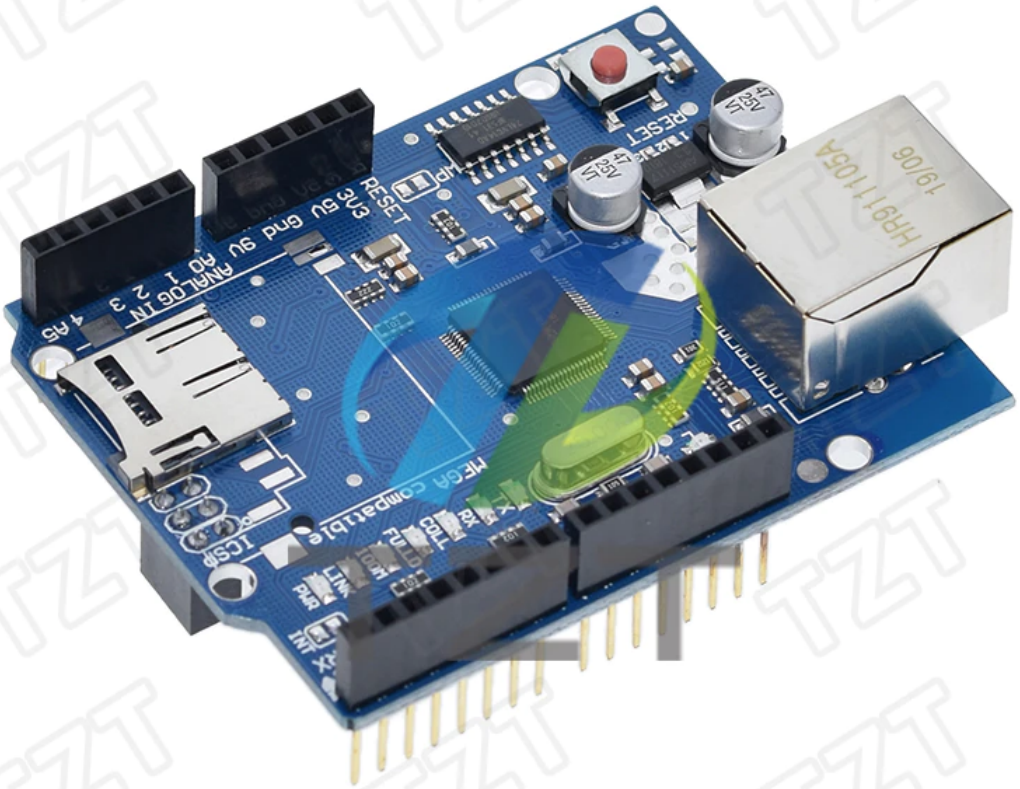
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ANALOG IN
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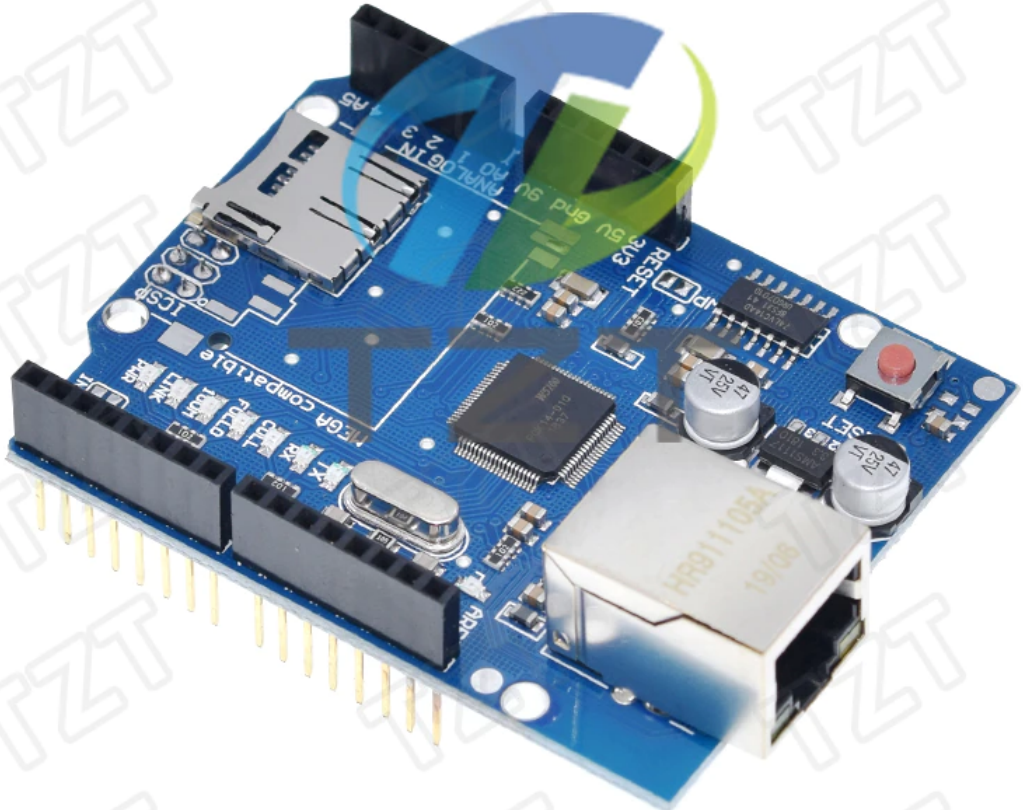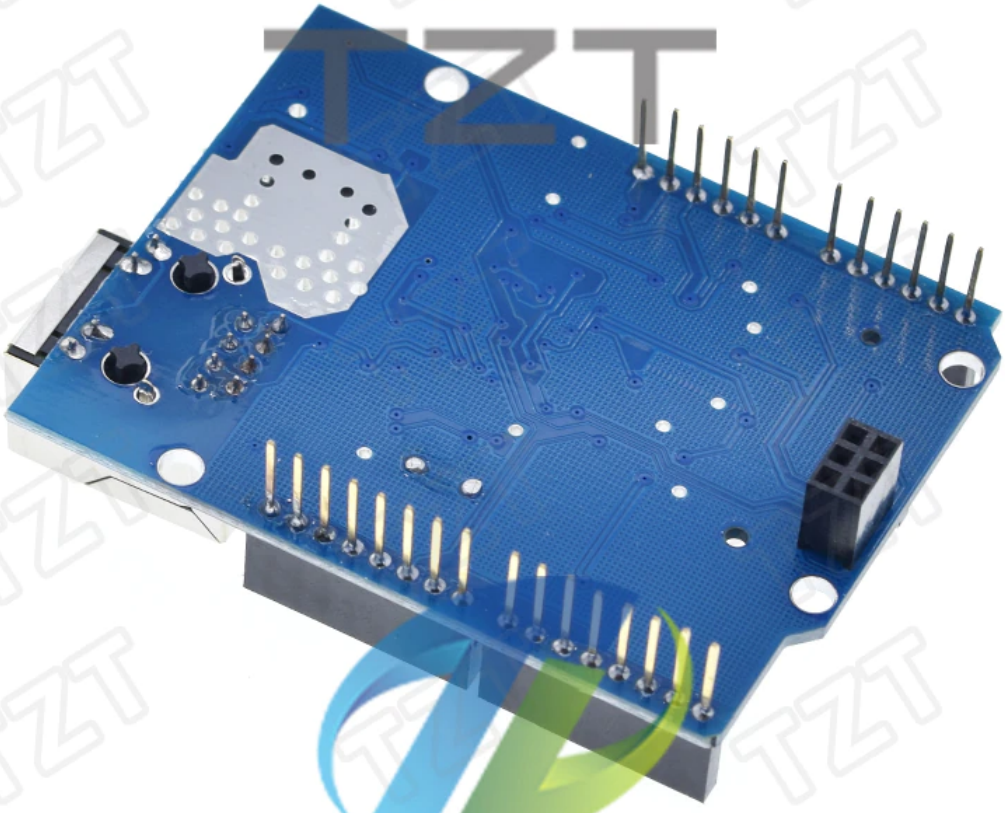
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