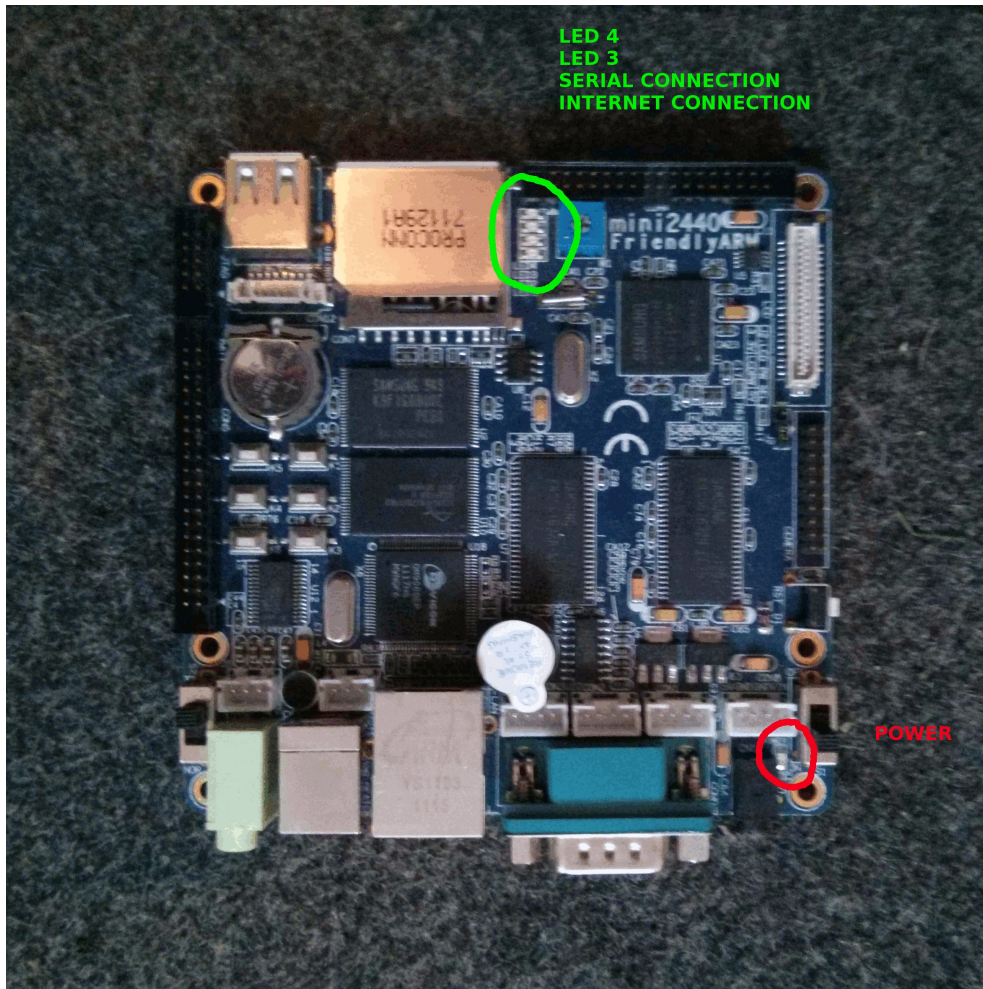


DGW diagnostics

The DGW uses LEDs to communicate its status in three areas:

- Power
- Serial connection
- Internet connection



Power

The red LED is either on or off.

Solid on:

The DGW is on

Solid off:

The DGW is off

Internet Connection

The bottom green LED can be in three states.

Flashing once a second:

Connection to our server

Solid on:

No connection to our server, but a connection to the local network

Solid off:

No connection to our server or the local network

Anything else is undefined, and the unless the board is booting, shouldn't be seen.

Serial Connection

The second LED from the bottom can be in two states.

Flashing:

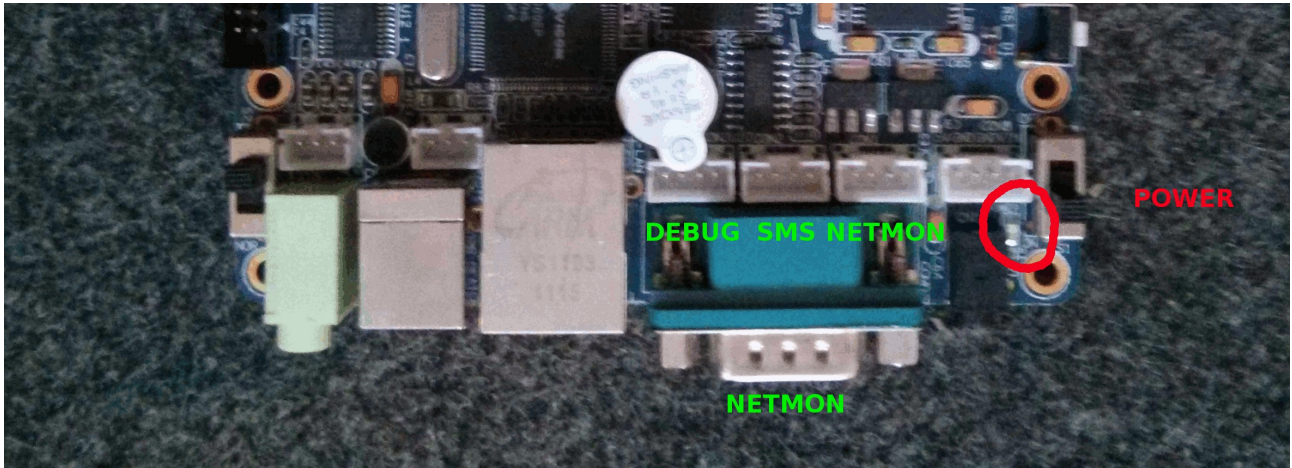
Talking to the netmon

Solid off:

Not talking to the netmon

Debugging

The newer DGW's have the console redirected to one of the TTL ports. This allows connection and a level of debugging while installed.



The debug port is the one next to the ethernet socket.

This is connected to a PC with a TTL/serial adaptor and either a serial cable or USB to serial cable.

Once the cable is connected, and assuming the use of Tera Term: (<http://tssh2.sourceforge.jp/>)

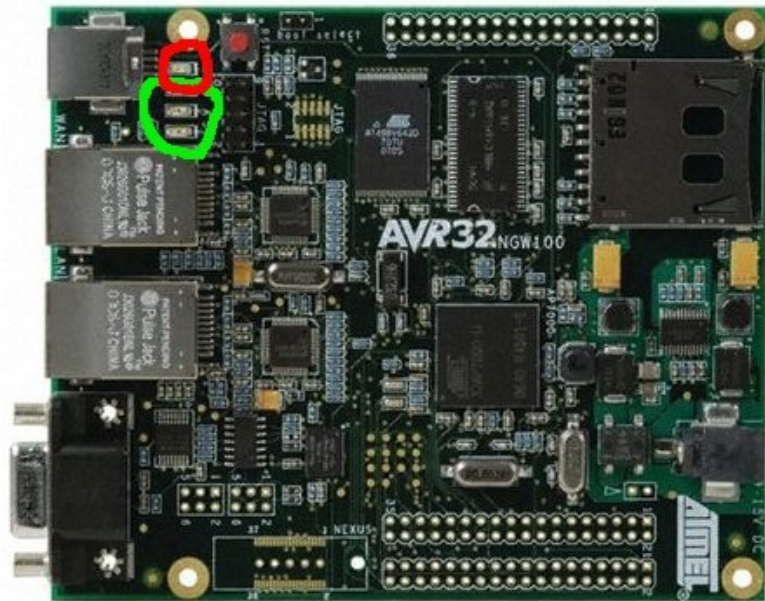
```
~/dtl/sms nanocom /dev/ttySAC1 -b 115200 -p n -s 1 -d 8 -f n -e l
```

NGW diagnostics

The NGW uses LEDs to communicate its status in three areas:

- Power
- Serial connection
- Internet connection

POWER
B. INTERNET CONNECTION
A. SERIAL CONNECTION
SYS



Power

The red LED is either on or off.

Solid on:

The NGW is on

Solid off:

The NGW is off

Internet Connection

The middle green LED (A) can be in three states.

Flashing once a second:

Connection to our server

Solid on:

No connection to our server, but a connection to the local network

Solid off:

No connection to our server or the local network

Anything else is undefined, and the unless the board is booting, shouldn't be seen.

Serial Connection

The top LED (B) can be in two states.

Flashing:

Talking to the netmon

Solid off:

Not talking to the netmon