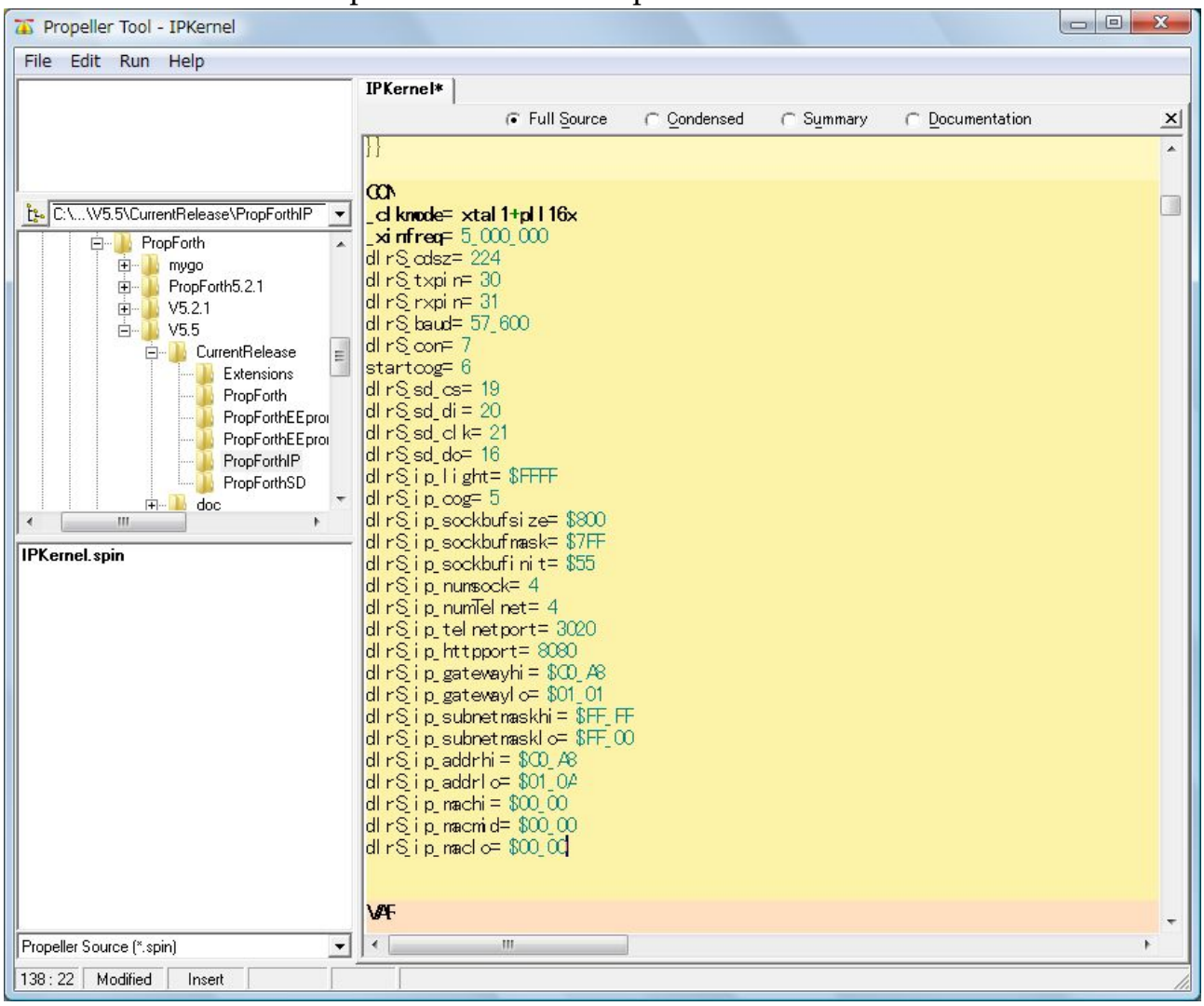
PropForthIP

20131026

Writing spin-code below to eeprom;

V5.5/CurrentRelease/PropForthIP/IPKernel.spin



Modify below:

dlrS_ip_gatewayhi= $C0_A8 <--- Gateway Address

dlrS_ip_gatewaylo= $01_01 <--- Gateway Address

dlrS_ip_subnetmaskhi= $FF_FF <--- Subnet mask

dlrS_ip_subnetmasklo= $FF_00 <--- Subnet mask

dlrS_ip_addrhi= $C0_A8 <--- IP Address

dlrS_ip_addrlo= $01_0A <--- IP Address

dlrS_ip_machi= $00_00 <--- MAC Address

dlrS_ip_macmid= $00_00 <--- MAC Address

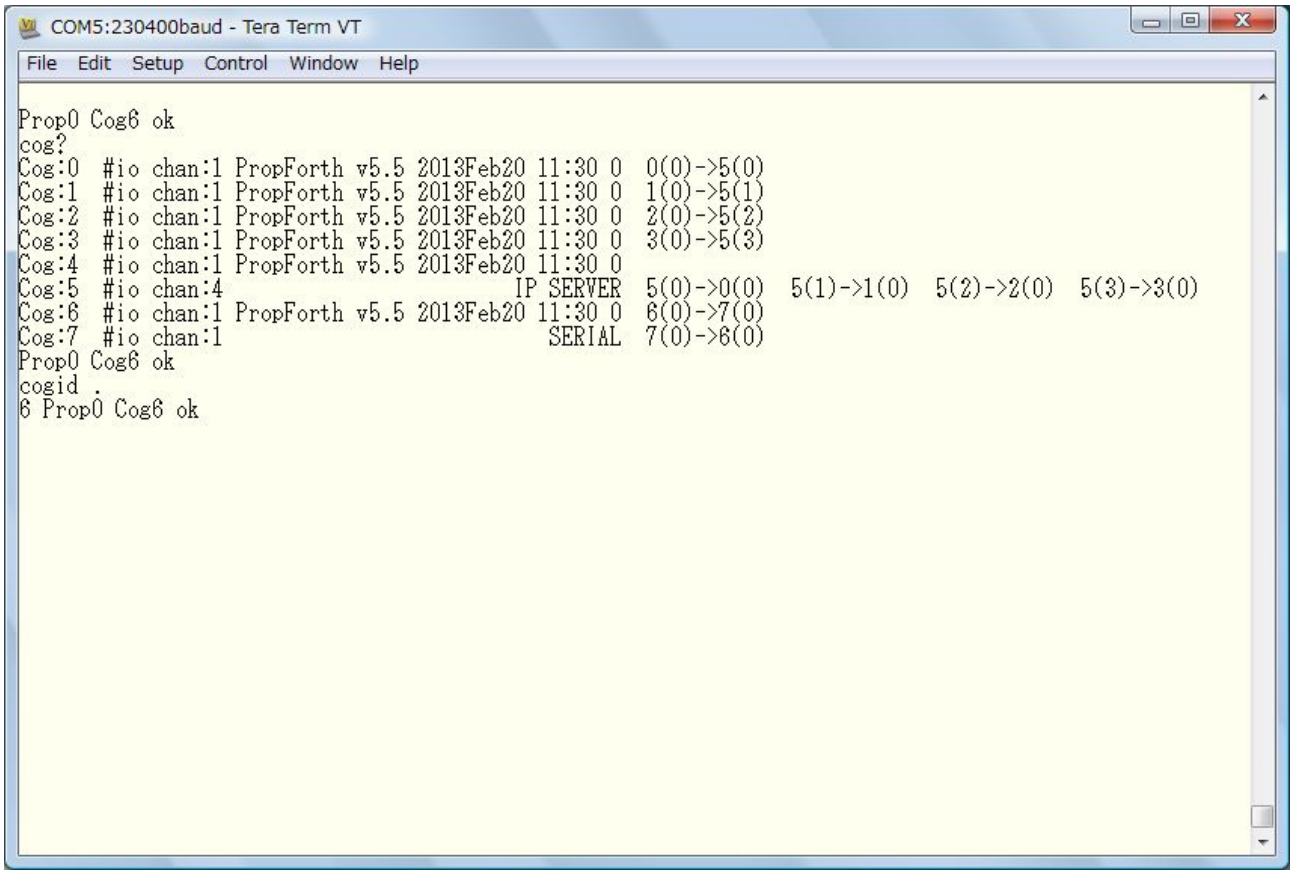
dlrS_ip_maclo= $00_00 <--- MAC Address

MAC Address is on bottom of spinneret board.

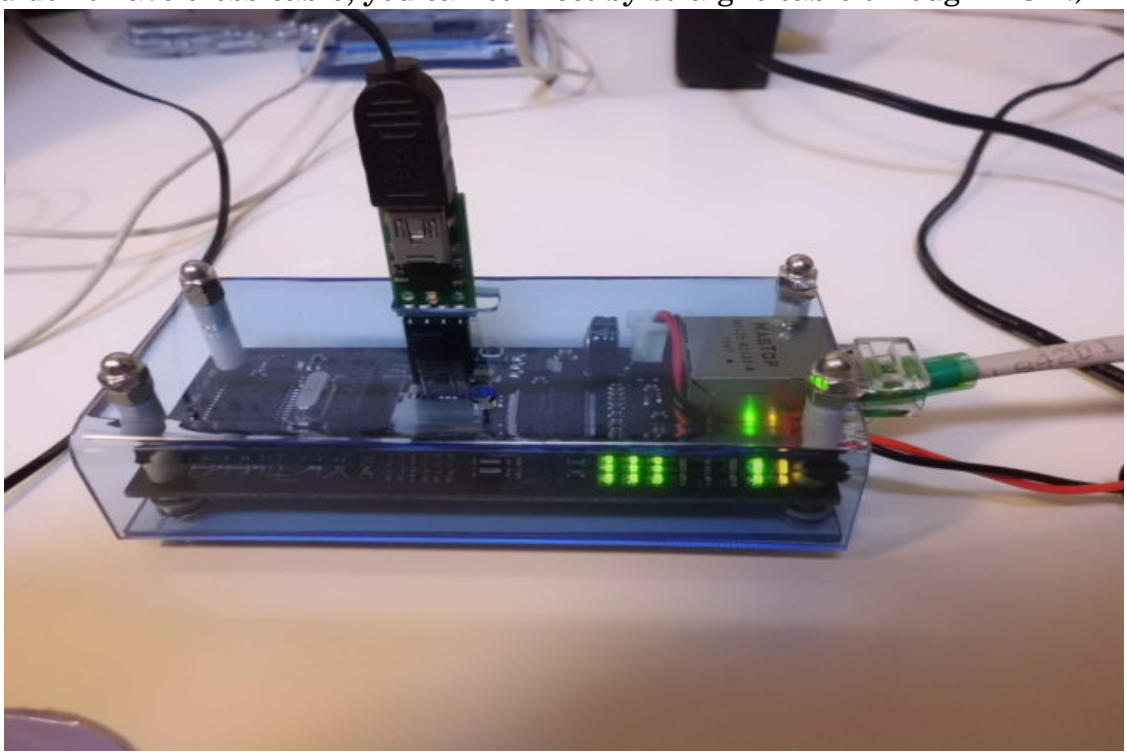
sd-port don't need to modify because IPKernel don't use SD-card.

serial console after rebooting;

```
CON:Prop0 Cog0 RESET - last status: 0 ok
CON:Prop0 Cog1 RESET - last status: 0 ok
CON:Prop0 Cog2 RESET - last status: 0 ok
CON:Prop0 Cog3 RESET - last status: 0 ok
CON:Prop0 Cog4 RESET - last status: 0 ok
CON:Prop0 Cog5 RESET - last status: 0 ok
CON:Prop0 Cog0 RESET - last status: 0 ok
CON:Prop0 Cog1 RESET - last status: 0 ok
CON:Prop0 Cog2 RESET - last status: 0 ok
CON:Prop0 Cog3 RESET - last status: 0 ok
CON:Prop0 Cog6 RESET - last status: 0 ok
Prop0 Cog6 RESET - last status: 0 ok
Prop0 Cog6 ok
```

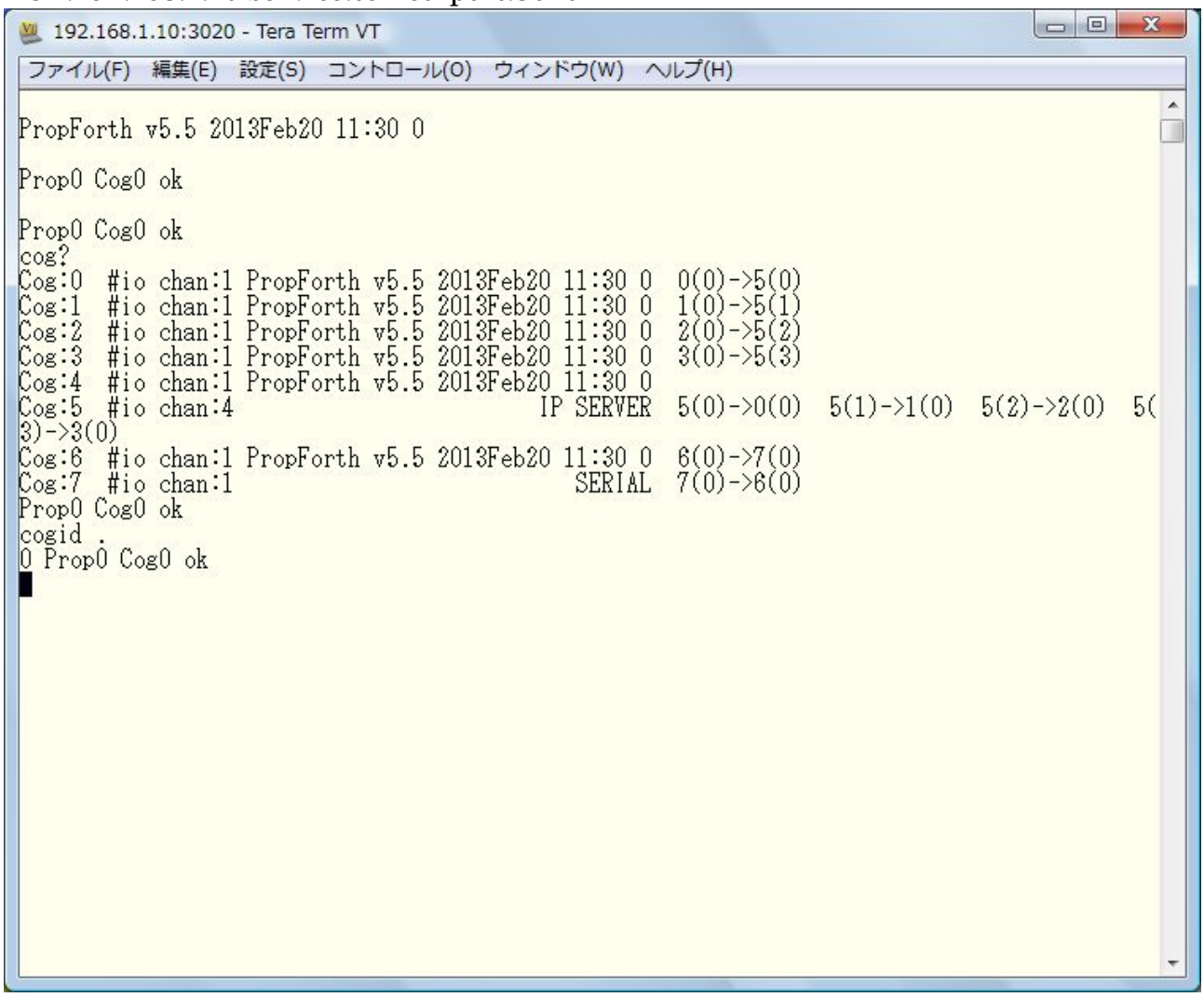


And then spinneret connect to PC by cross-cable.
(If you don't have cross-cable, you can connect by straight-cable through HUB.)



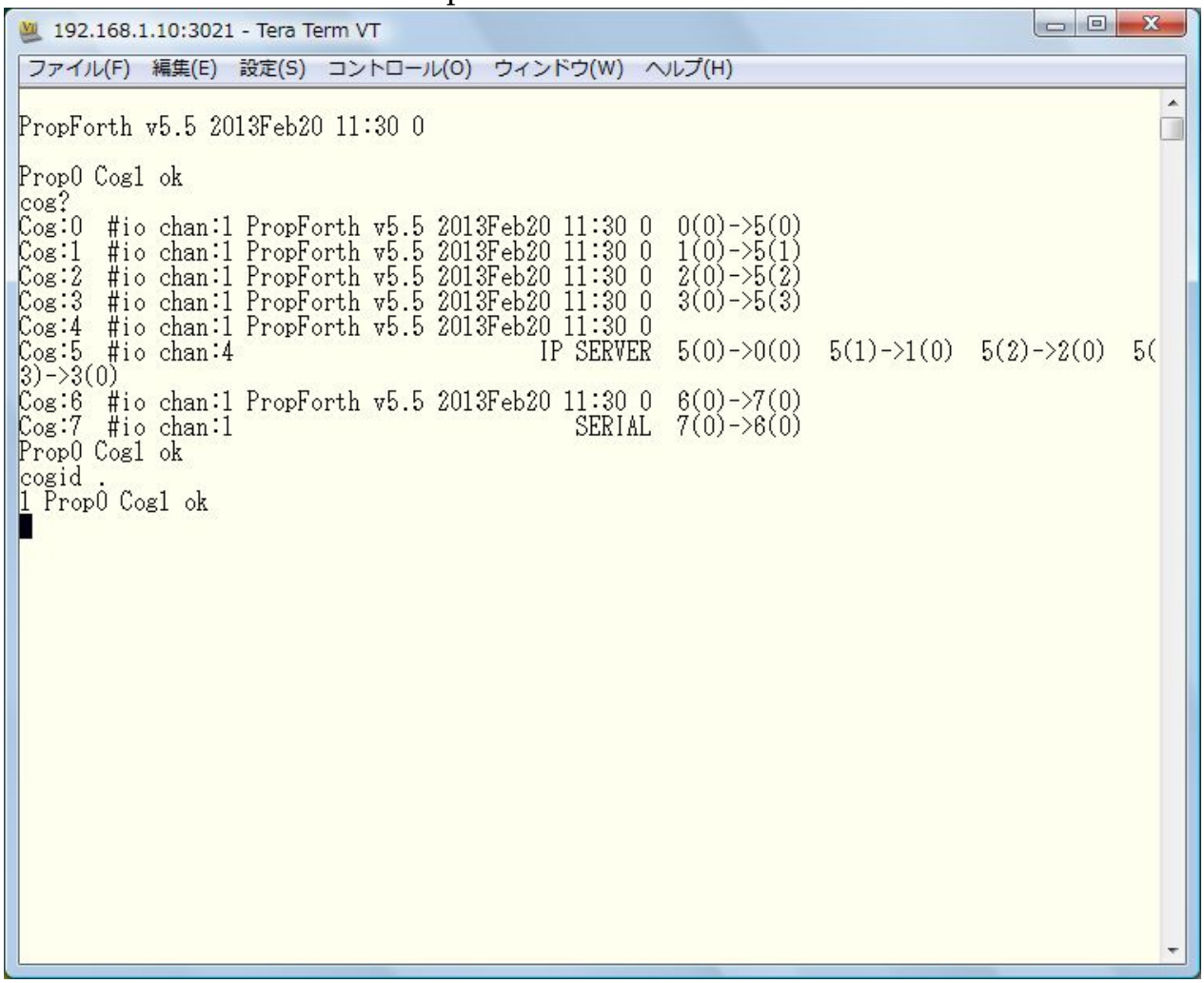
LED(USR) is blinking.
LED(LNK) is on. Sometimes off.
LEDSPD,FDX,PWR) is on.

Another Tera-Term start;
TCP:192.168.1.10 service:telnet port:3020



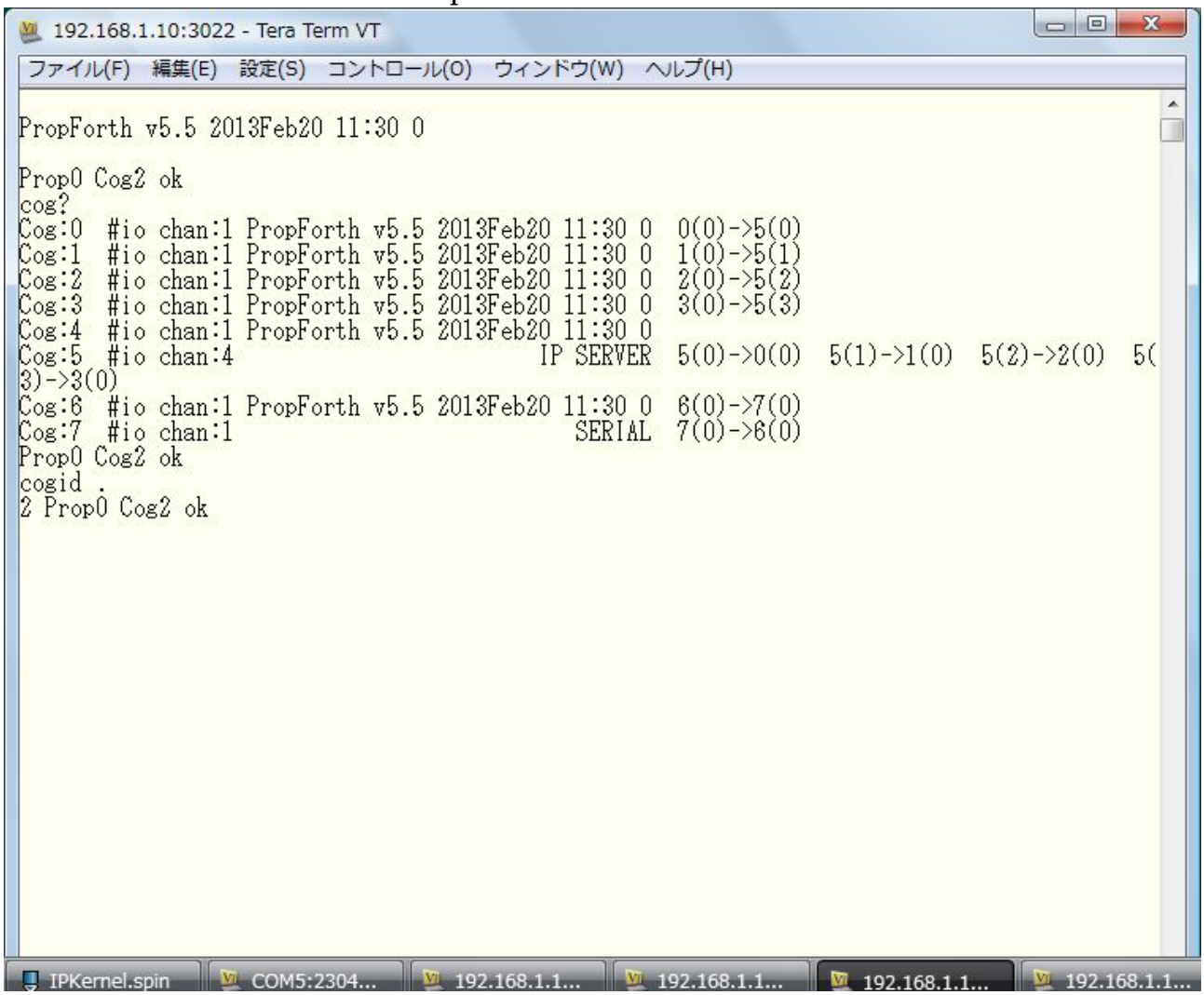
It's cog0.

Another Tera-Term start;
TCP:192.168.1.10 service:telnet port:3021



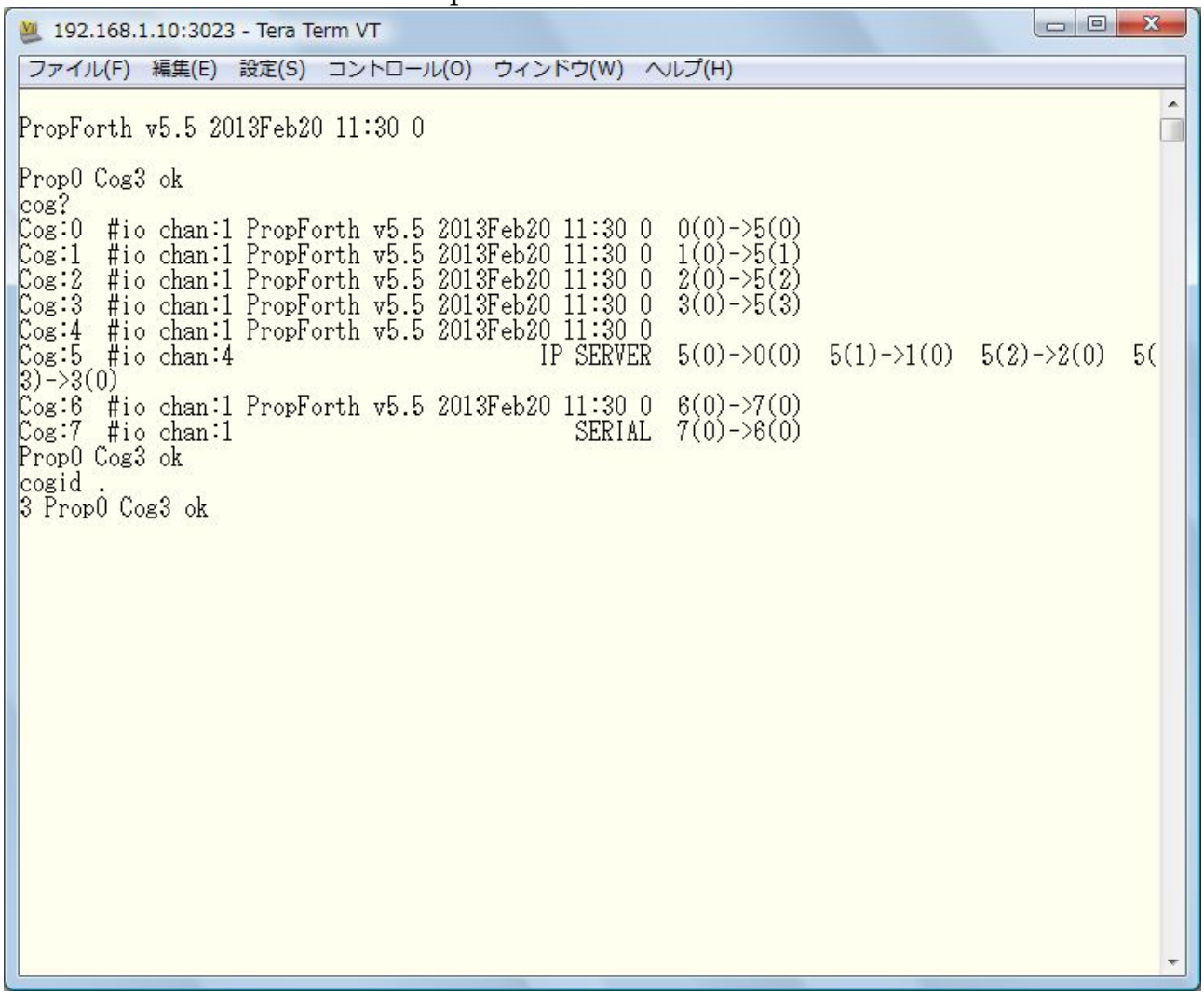
It's cog1.

Another Tera-Term start;
TCP:192.168.1.10 service:telnet port:3022



It's cog2.

Another Tera-Term start;
TCP:192.168.1.10 service:telnet port:3023



It's cog3.

But IPKernel merely try to connect communication by telnet.
Because it cannot reset cog0/cog1/cog2/cog3/cog5.

I think this is only hardware-check.