

# Re: adding and tracing RealTek RTL8139

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*Source:*

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.platbuilder/2005-08/msg00894.html>

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This is my debug output on Com1

EBOOT:

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RTL8139Init(): BaseIO[0xD800] : MemOffset[0x1]
RTL8139Init(): TxBuff[0x19C000] - RxBuff[0x19D800] - LastRx[0x1AD7FF]
RTL8139Init:: MAC = 00-50-B7-F0-C5-07
RTL8139 ethdbg library: AutoNegotiate..
RTL8139:: RTL8139HWSetMCRregs(): Set all to 0x00
Returned MAC Address:00:50:B7:F0:C5:07
System ready!
Preparing for download...
OEMPreDownload ucLoaderFlags is 0
Using device name: CEPC50439
Using static IP address: B800A8C0
+EbootSendBootmeAndWaitForTftp
Sent BOOTME to 255.255.255.255
Sent BOOTME to 255.255.255.255
Locked Down Link 1
Src IP 192.168.0.184 Port 0400 Dest IP 192.168.0.10 Port 04E8
EthDown::TFTPD_OPEN::boot.bin
-EbootSendBootmeAndWaitForTftp
```

Download BIN file information:

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[0]: Base Address=0x220000 Length=0x1408768
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NK.BIN:

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..snip.
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KITL: Leaving polling mode...
KITL Checking client registrations
+RegisterClientPart2: Id 0x00000000
KITL Timer thread started, (hTh: 0x05FDBF96, pTh: 0x85FD0800)
-RegisterClientPart2
```

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+RegisterClientPart2: Id 0x00000001
-RegisterClientPart2
KITL Creating IST
KITL Interrupt thread started (hTh: 0x05FD0F9E, pTh: 0x85FCE800), using
SYSINTR
25
Enabling adapter ints...
+RTL8139EnableInts()..
-RTL8139EnableInts()..
VBridge:: VB_INITIALIZED returns [1]
VBridge:: RESET_BUFFER received.
VBridge:: built on [Aug 2 2005] time [16:04:23]
VBridgeInit()...TX = [16384] bytes -- Rx = [16384] bytes
Tx buffer [0xA168FE80] to [0xA1693E80].
Rx buffer [0xA1693EA0] to [0xA1697EA0].
RTL8139:: MulticastRegs set to : 0-0-0-0-0-0-0-0
RTL8139:: Set Ndis filter [0xB] -> [0x101E]
VBridge:: Current VMini packet filter = [0xB]
RTL8139:: MulticastRegs set to : 0-0-0-80-0-0-0-0
```

Now I can ping the target board,  
but there is no ethernet device in control panel on the target.  
What is wrong ?

TIA

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