ICG: Detecting the right Com-Port

Manual way:

1) Connect the HDR60 board to the PC, activate the VCP of port B of the FTDI serial converter in the Windows device manager
2) Disconnect and reconnect the board.
3) You should now see a new Com-Port in the device manager
4) Open a terminal emulator (e.g. putty or teraterm), connect to the new com port with the right settings (38400 8n1)
5) Press 'f' in the terminal emulator - you should get the following message:
„Command Modus active
Waiting for commands or end command modus with Q and Return“

Windows Registry way:

1)Connect the HDR60 board to the PC and run the following command:
"reg query HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Enum\USB\Vid_0403&Pid_6010&MI_01"
This will give you a list of all FTDI UART devices on your system.
2)Save the device strings returned by the previous command.
3)For all found devices, activate the virtual com port by setting the ConfigData variable to 0x14:
"reg add {device String}\Device Parameters\ /v ConfigData /t REG_DWORD /d 0x14 /f "
4)Disconnect and reconnect the board.
5)Now probe for VCPs:
"reg query HKEY_LOCAL_MACHINE\HARDWARE\DEVICEMAP\SERIALCOMM"
This will give you a list of all VCPs on your system.
6)Connect to the first VCP and read register 0x02.
Command Sequence:

1)'f'
2)'r 0x02'
3)'Q'

7) If the returned string starts with 'D' followed by a hexadecimal value: we have found the board.
Else: try next VCP.