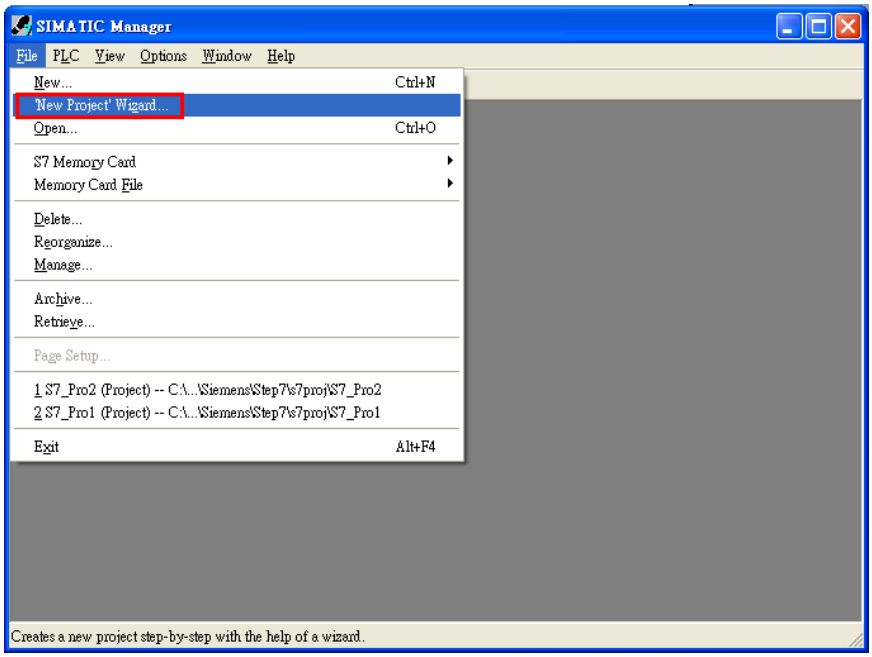
I-7550 & SIMATIC STEP 7 Configurations

1. Double Click “SIMATIC Manager” icon to open “SIMATIC Manager”

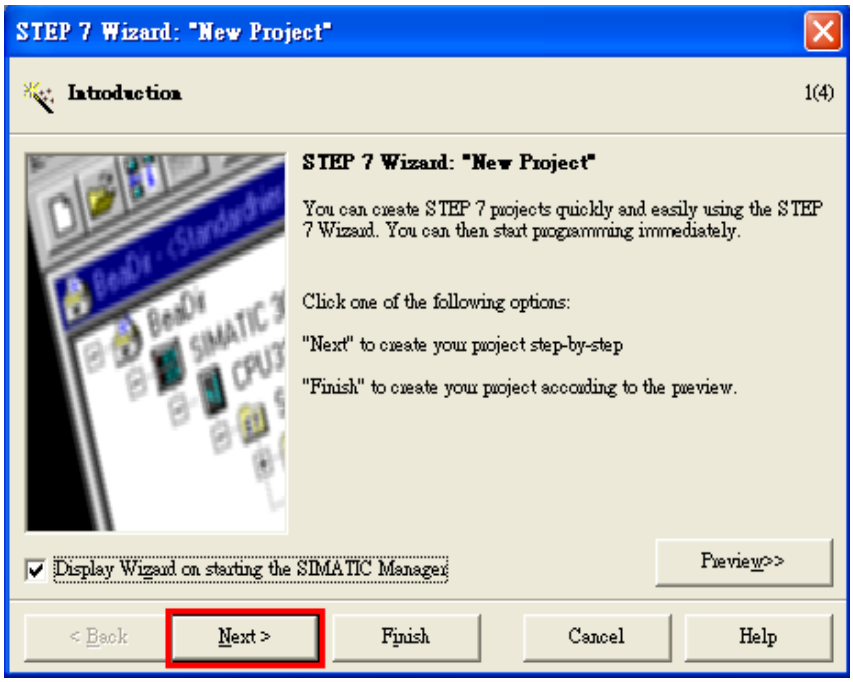


2. Open “ New Project Wizard



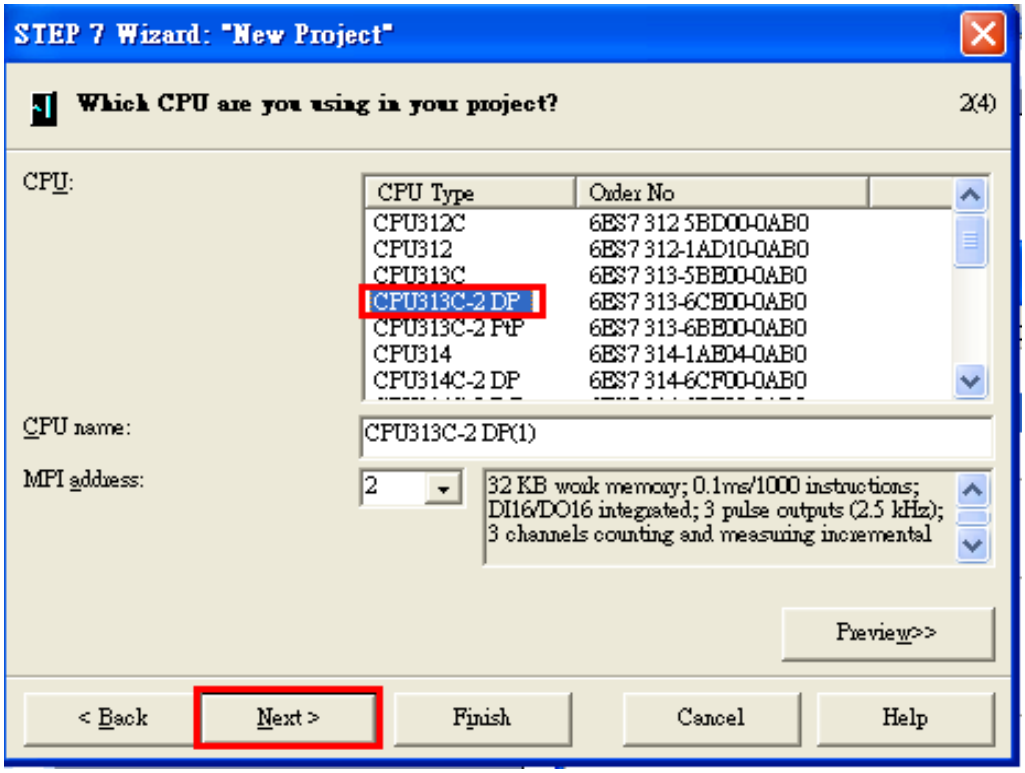
3. Set up Project

a. Click ”Next”

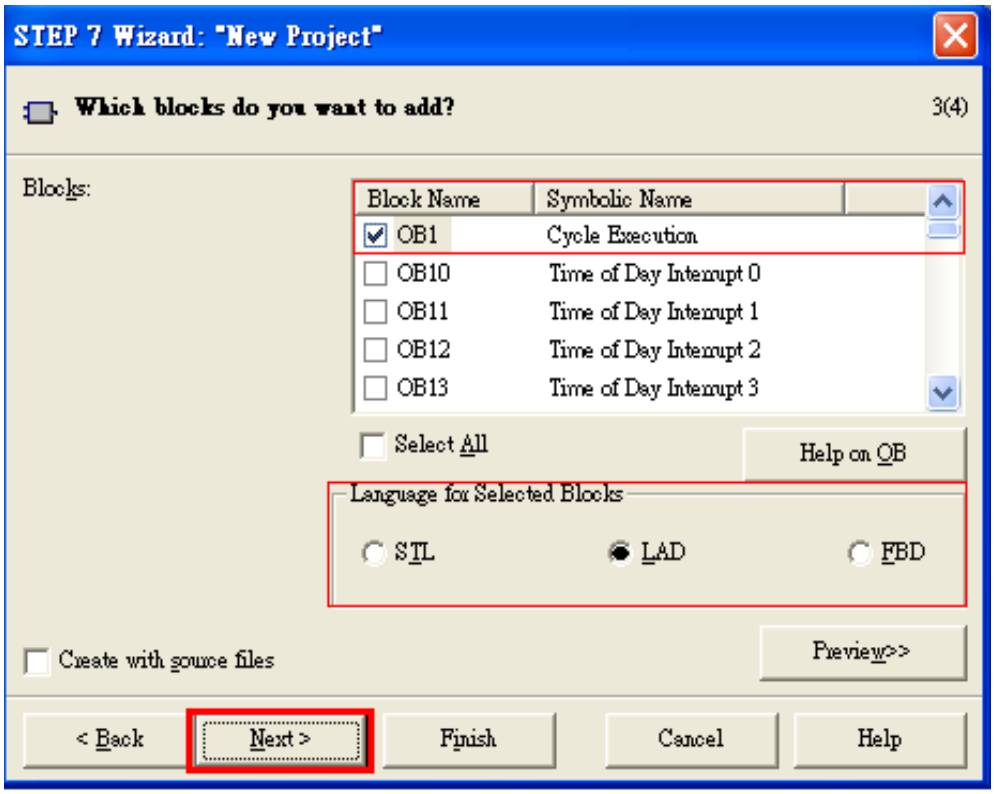


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b. Select CPU type then click ”Next”

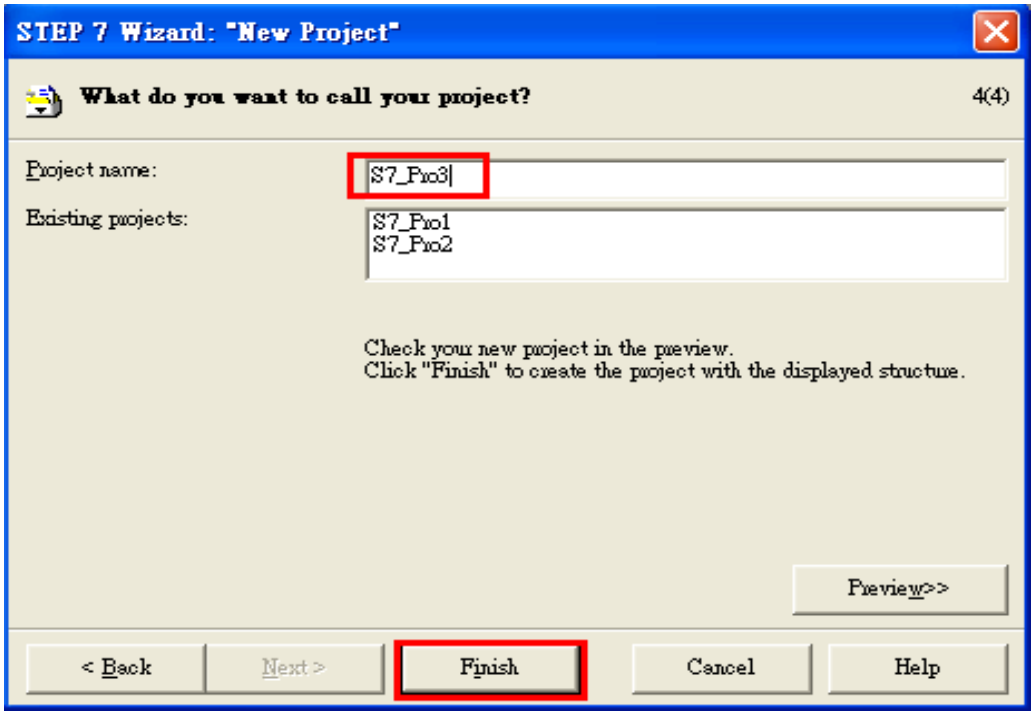


c. Select blocks and language for selected blocks then click ”Next”

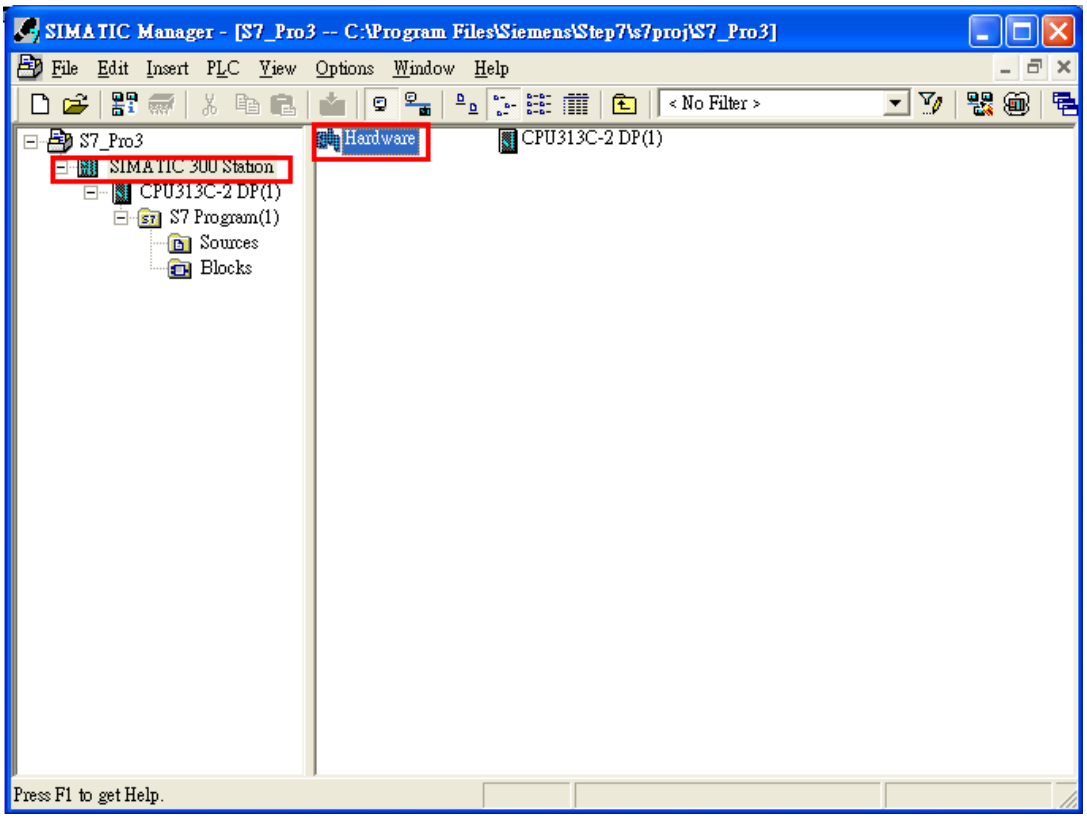


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d. Set project name and click ”Finish”



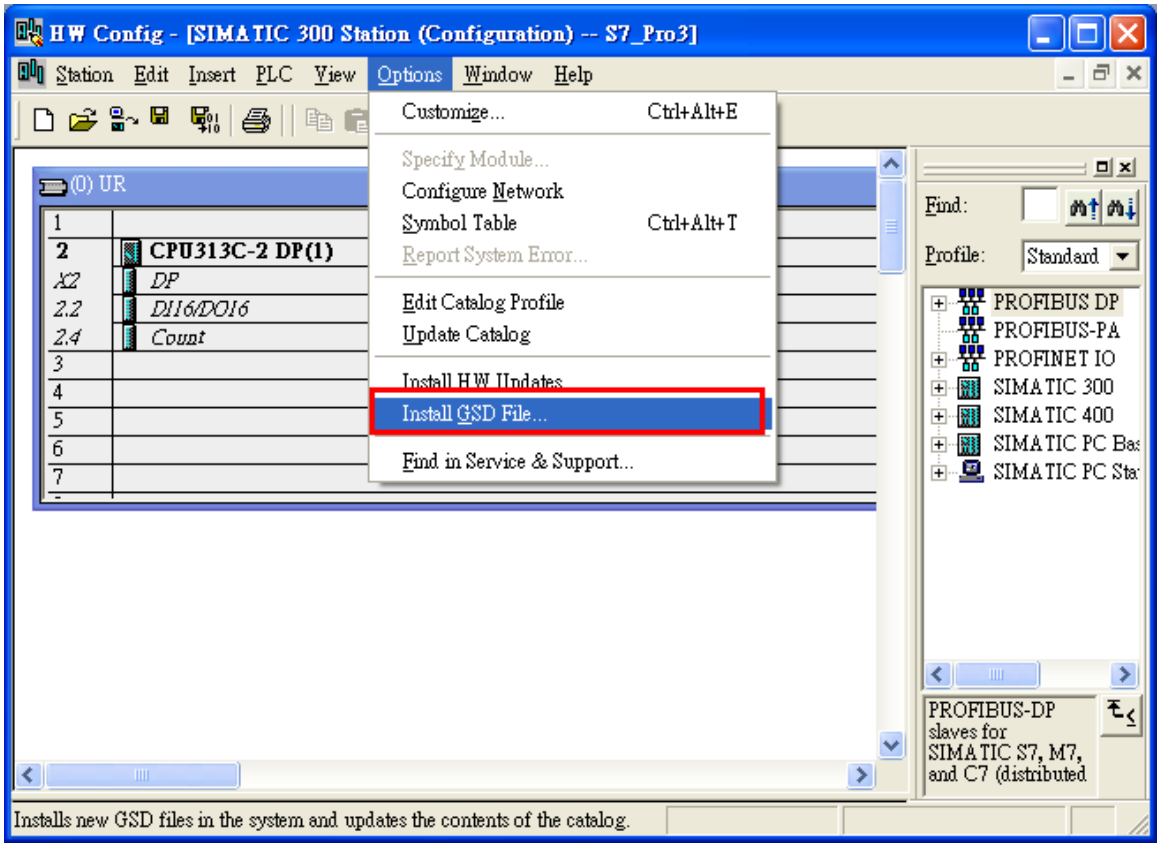
4. Double click “Hardware” to open “HW Config”



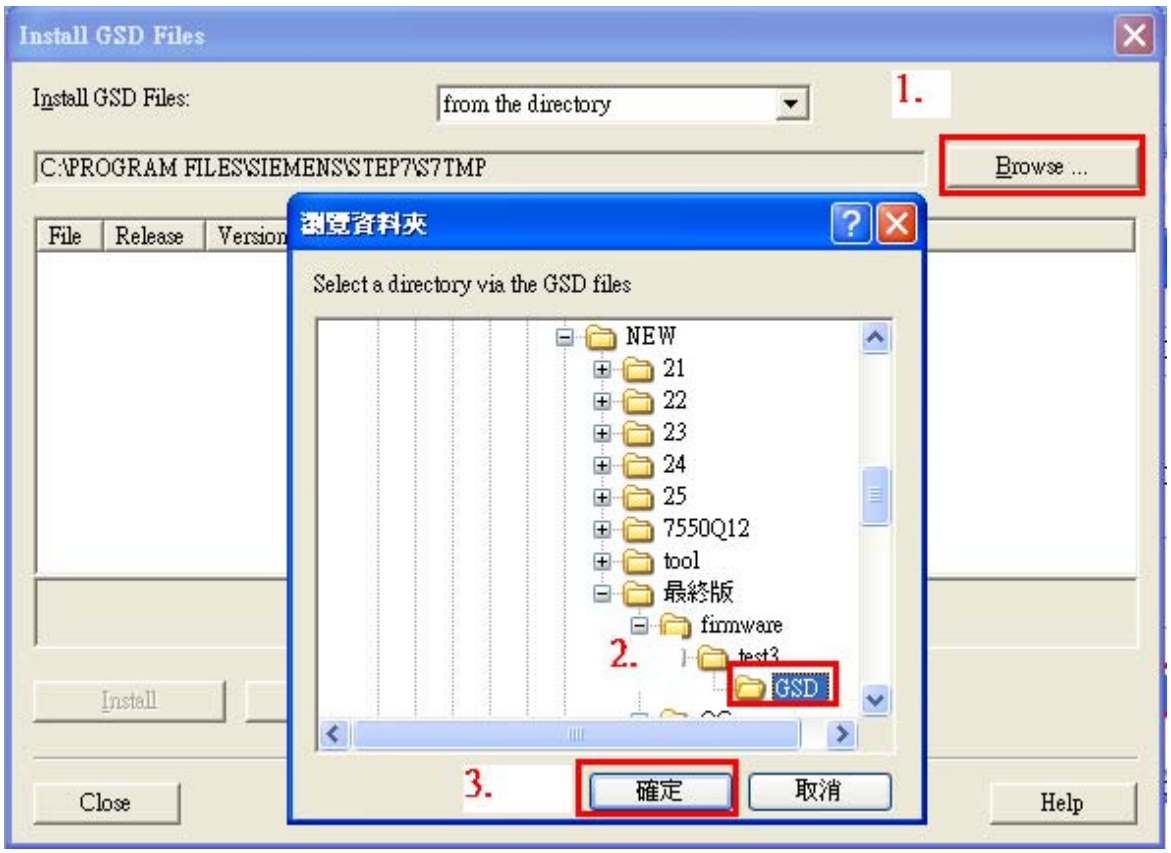
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5. Install I-7550's GSD File

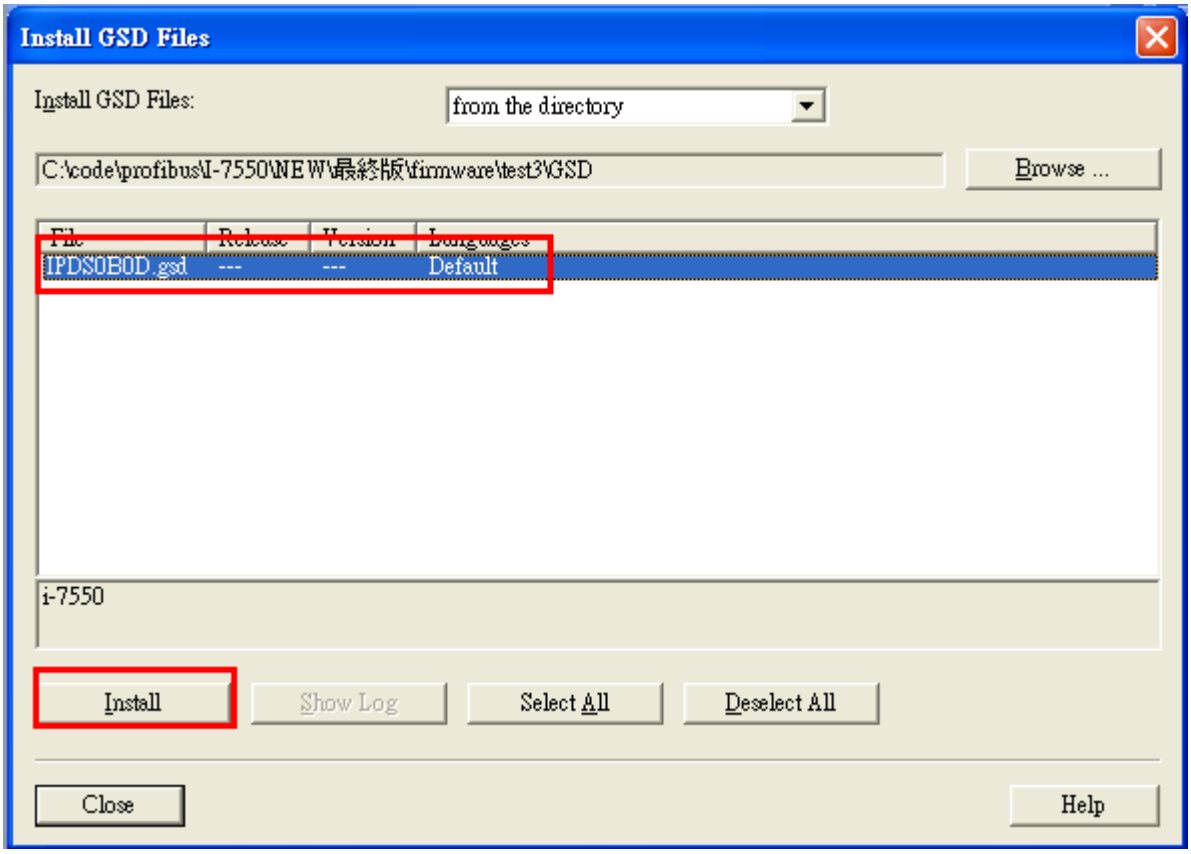
a. Click "Install GSD File" ftp://ftp.icpdas.com/pub/cd/fieldbus_cd/profibus/converter/i-7550/



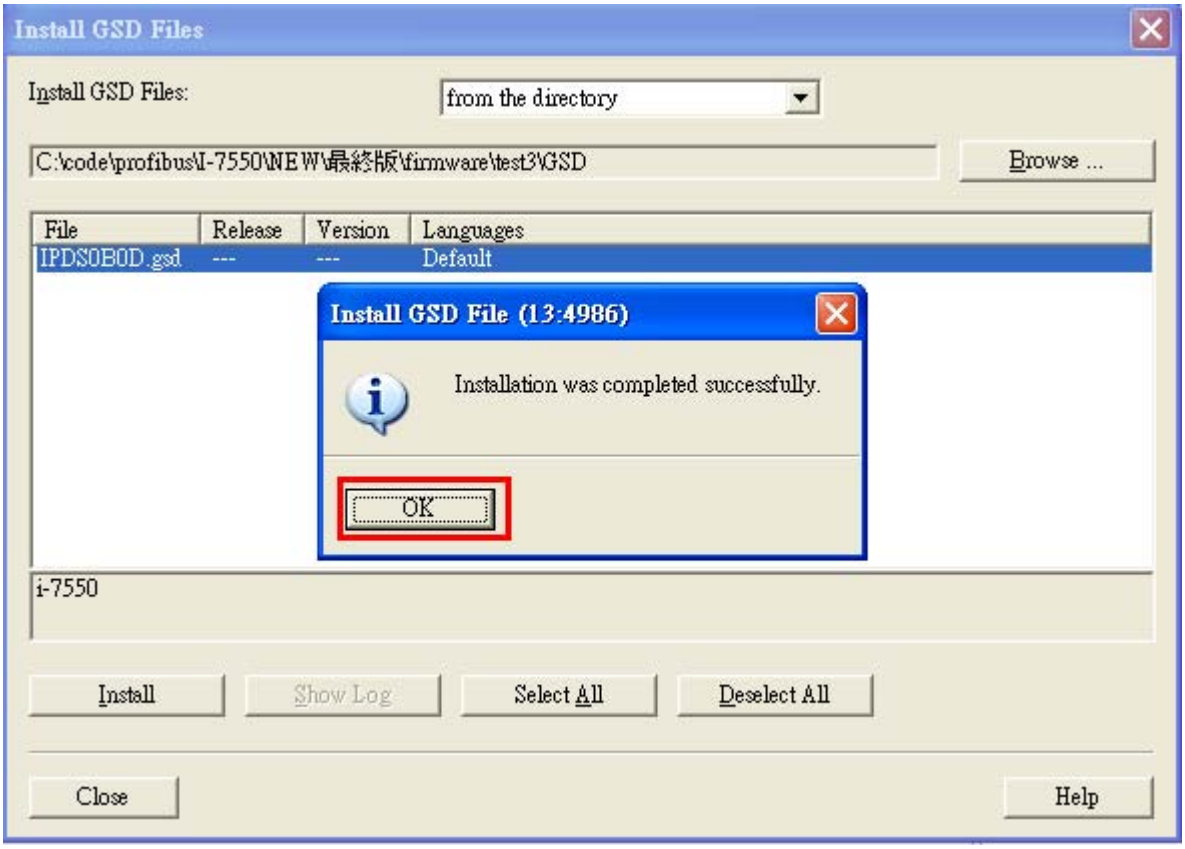
b.Select the directory of I-7550's GSD file(IPDS0B0D.gsd) and click "OK"



c. Click”Install”

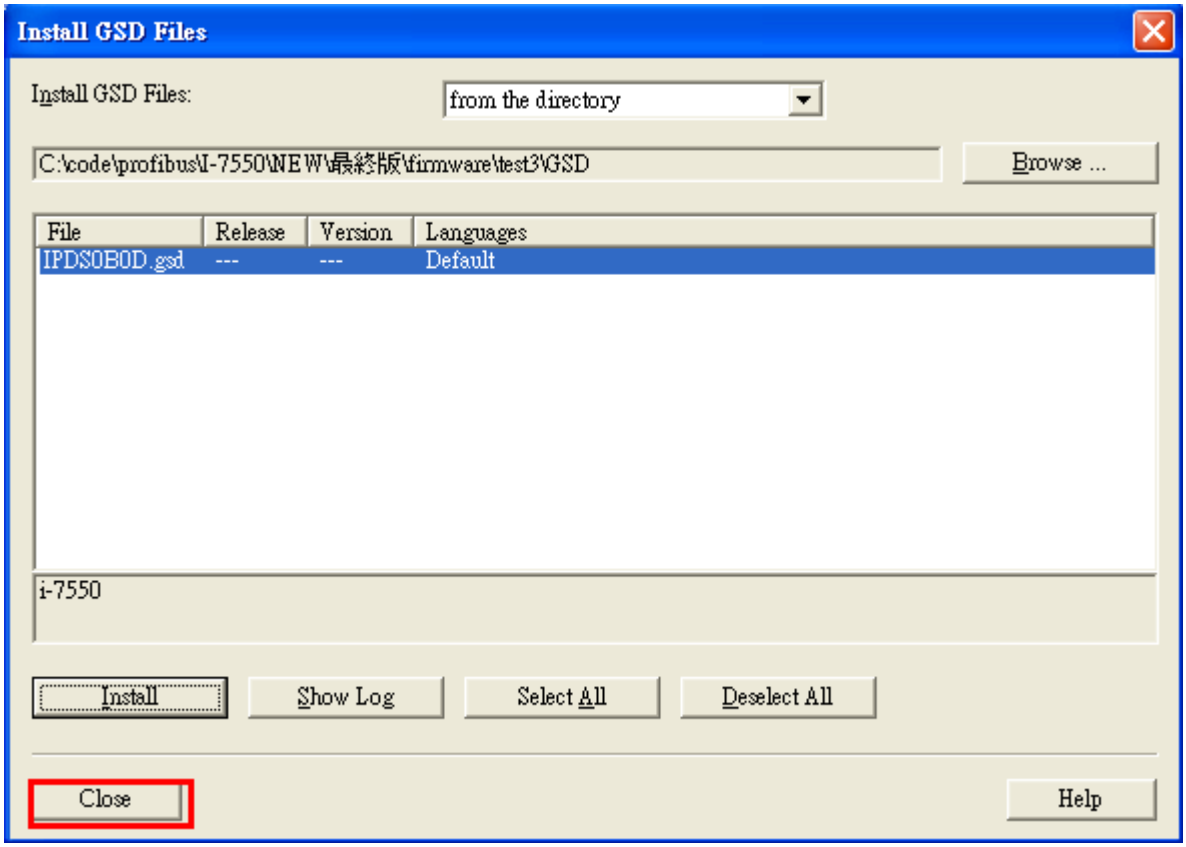


d. Click”OK”

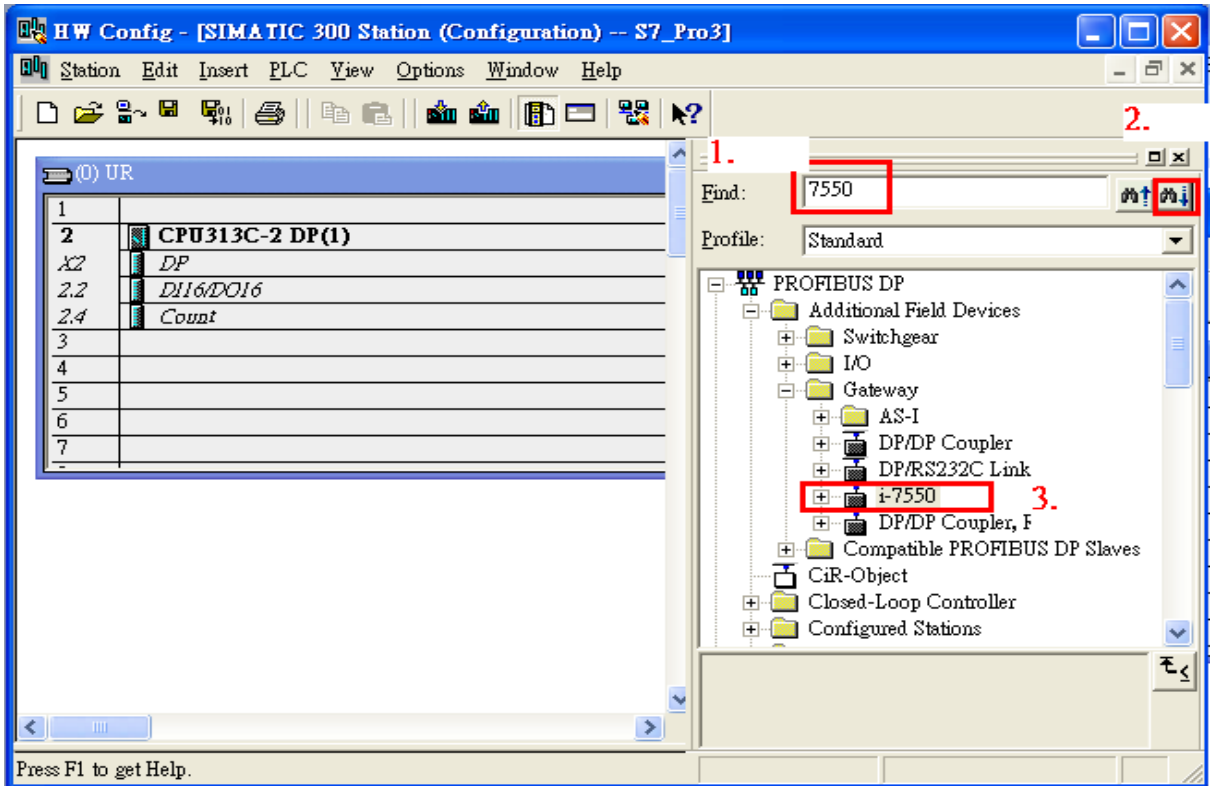


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e. Click”Close”

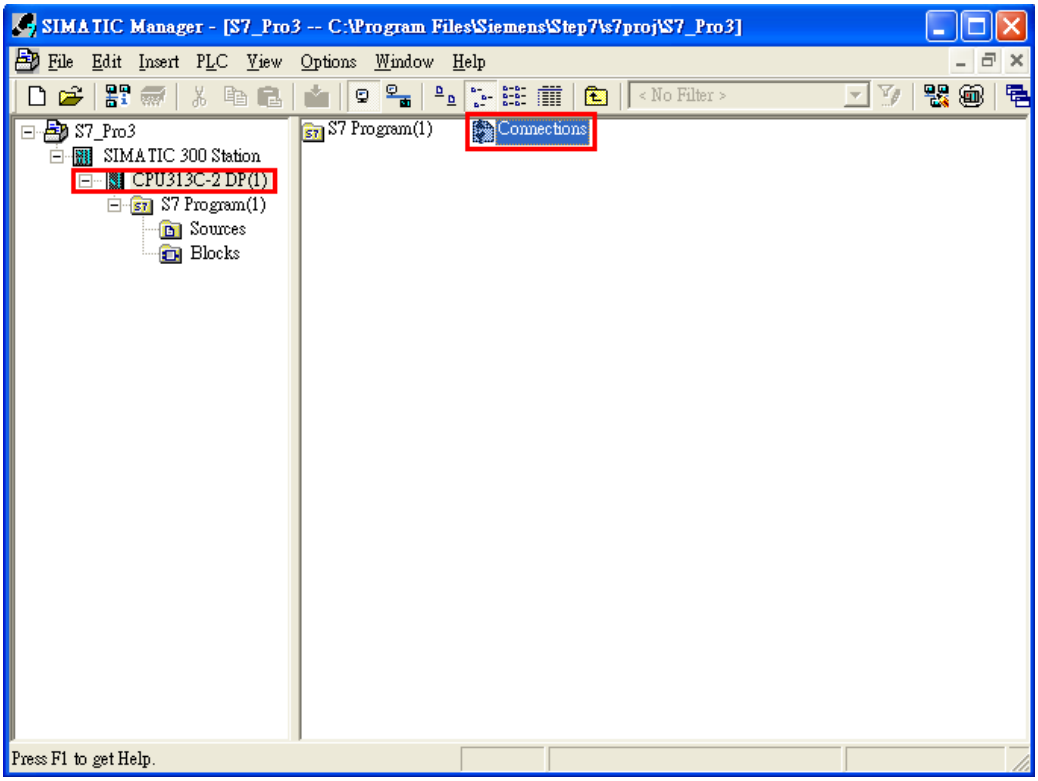


f. Confirm I-7550’s GSD file is exist



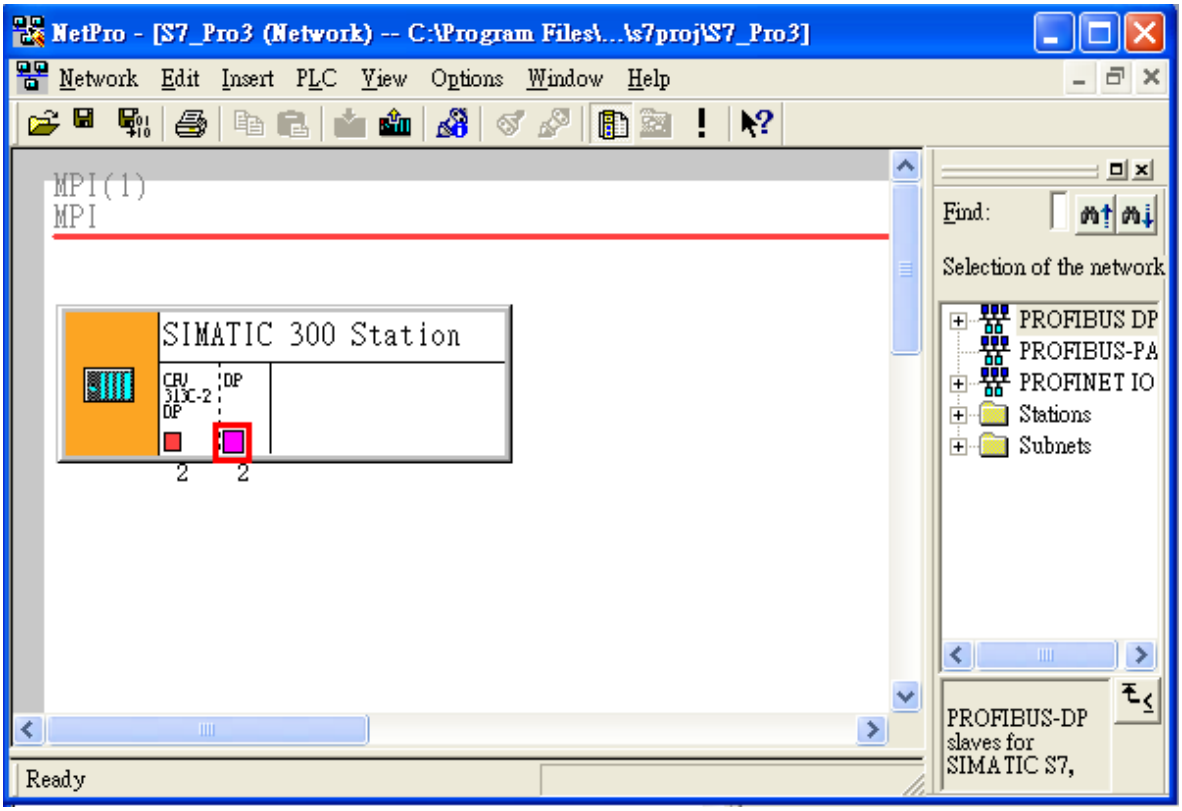
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6. Double click “Connections” to open “NetPro”



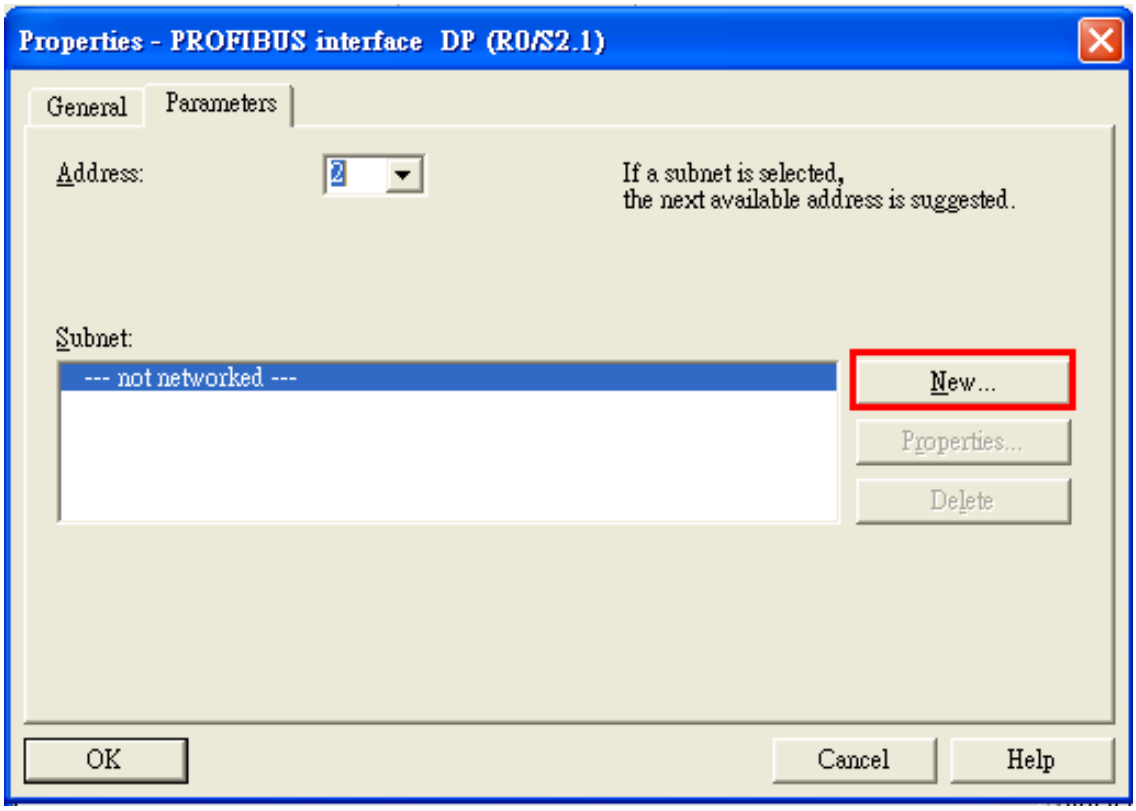
7. Add PROFIBUS subnet

a. double click the block of the DP

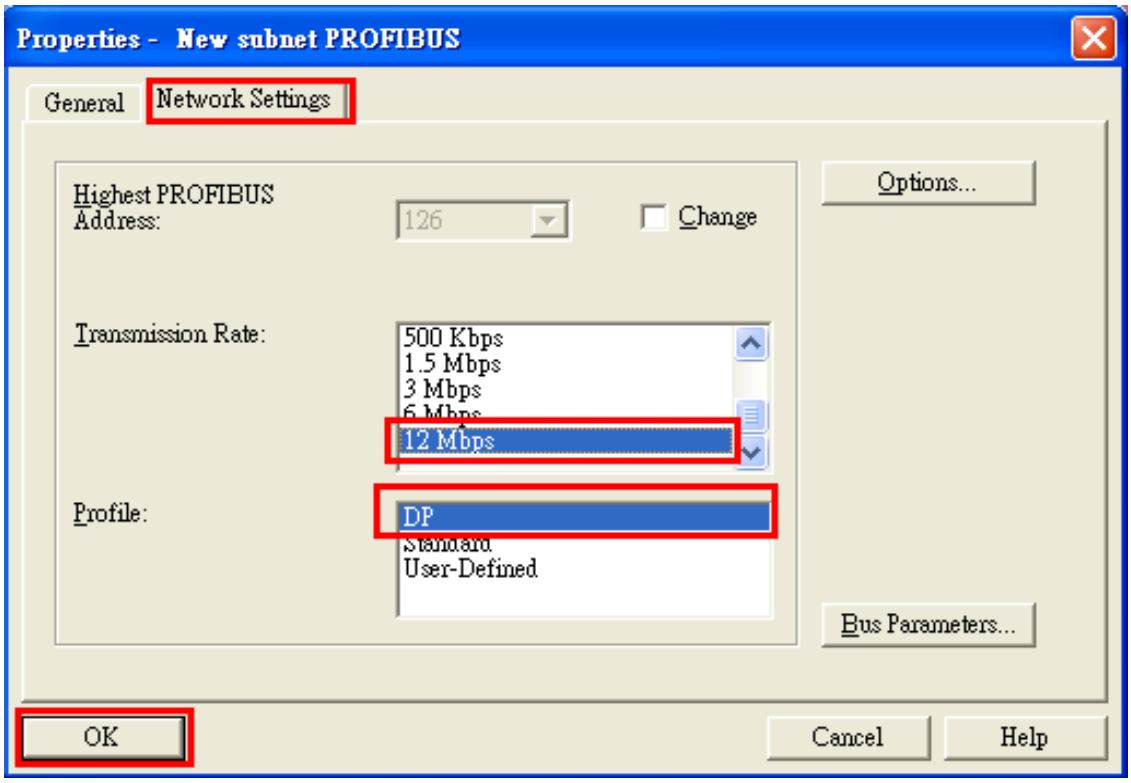


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b. Click”New”

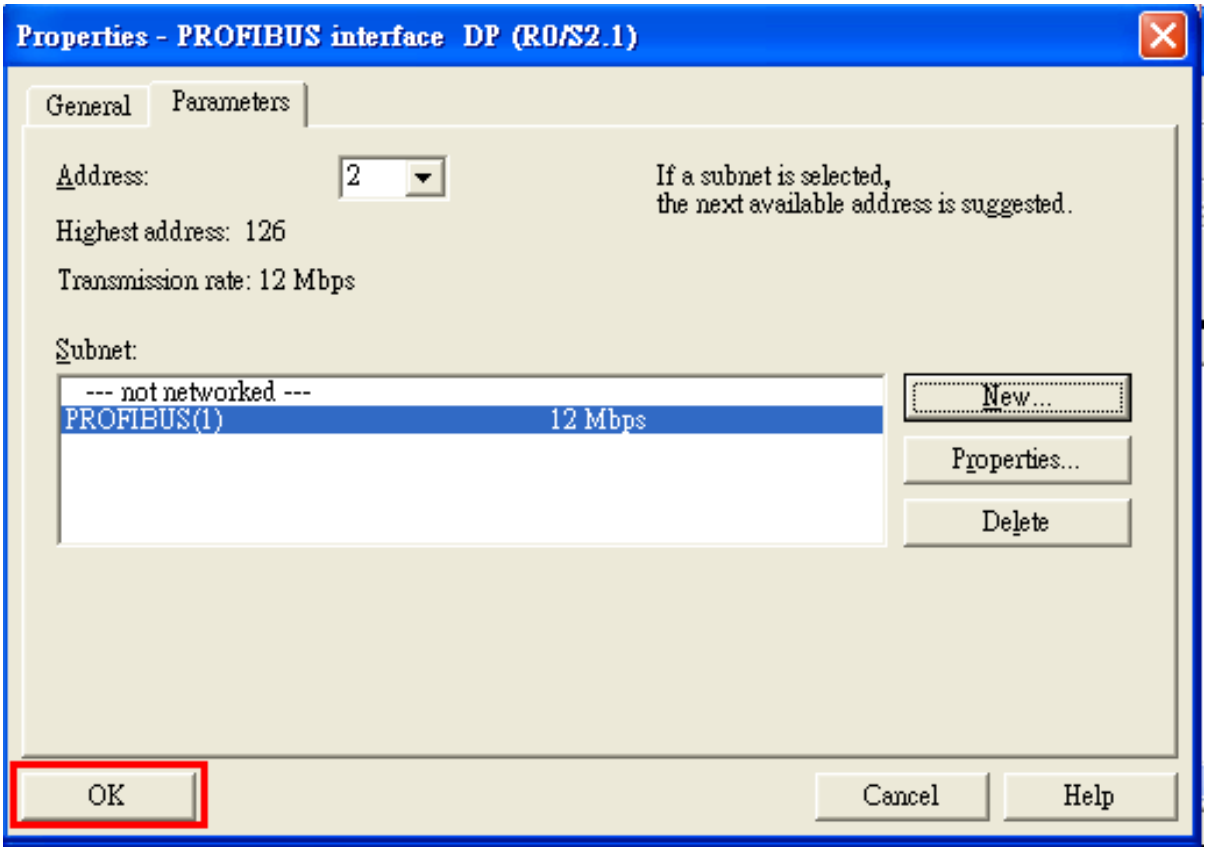


c. Select PROFIBUS Transmission Rate=12Mbps, Profile=DP and click ”OK”



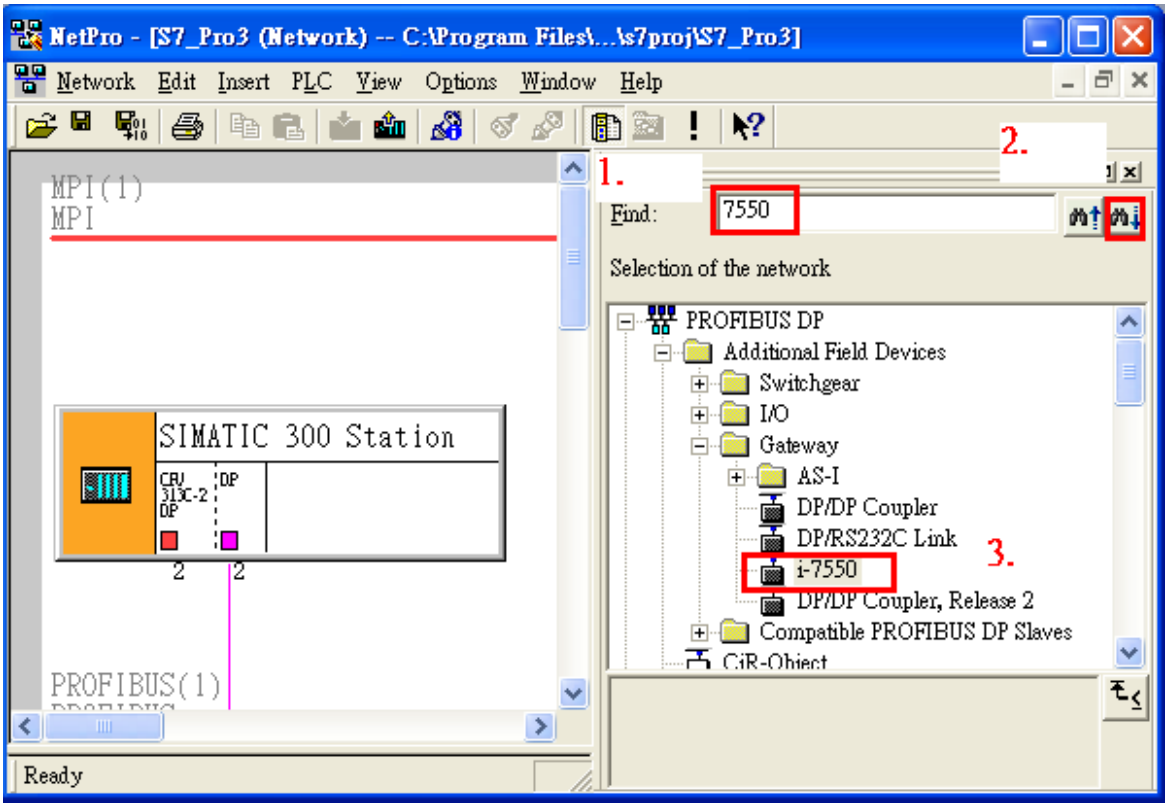
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d. Click ”OK”



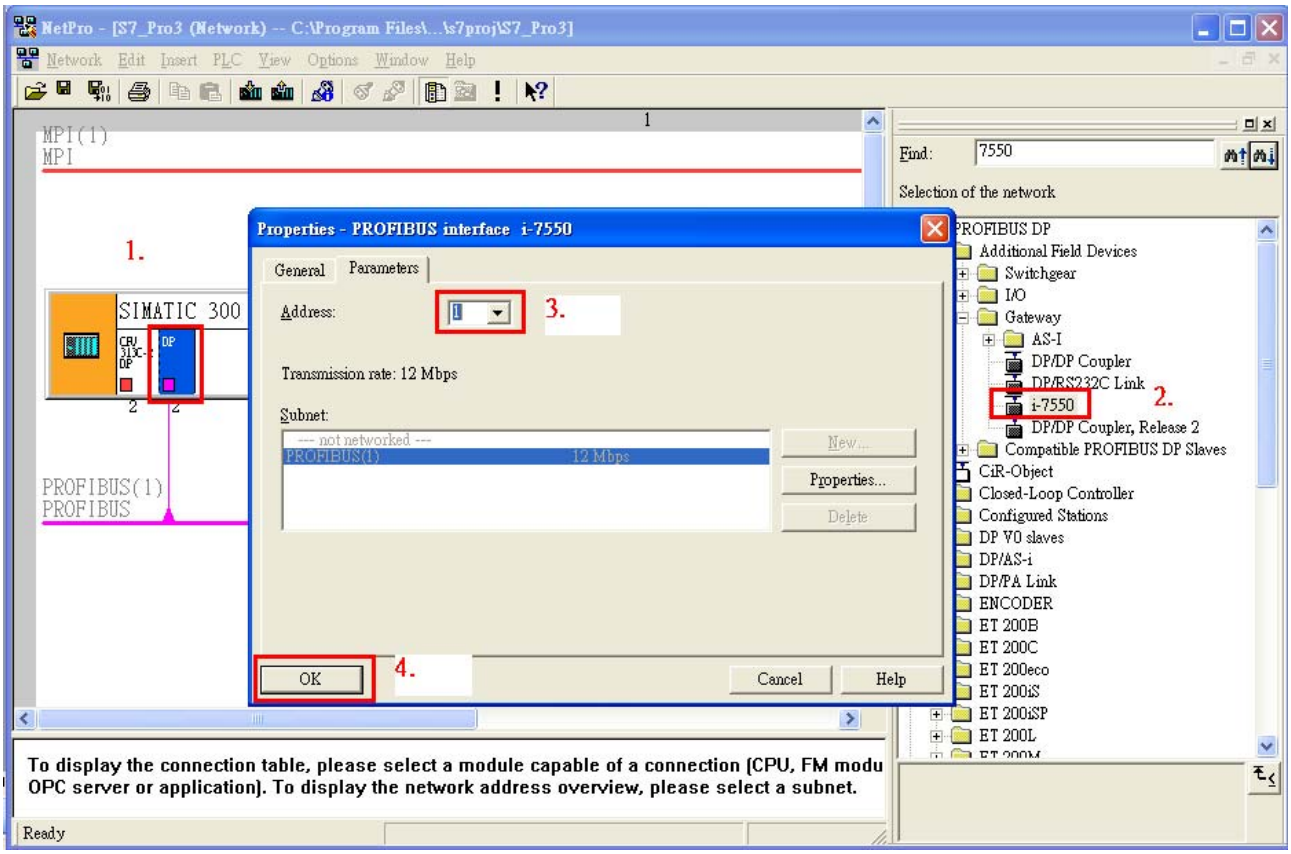
8. Add I-7550

a. Find I-7550

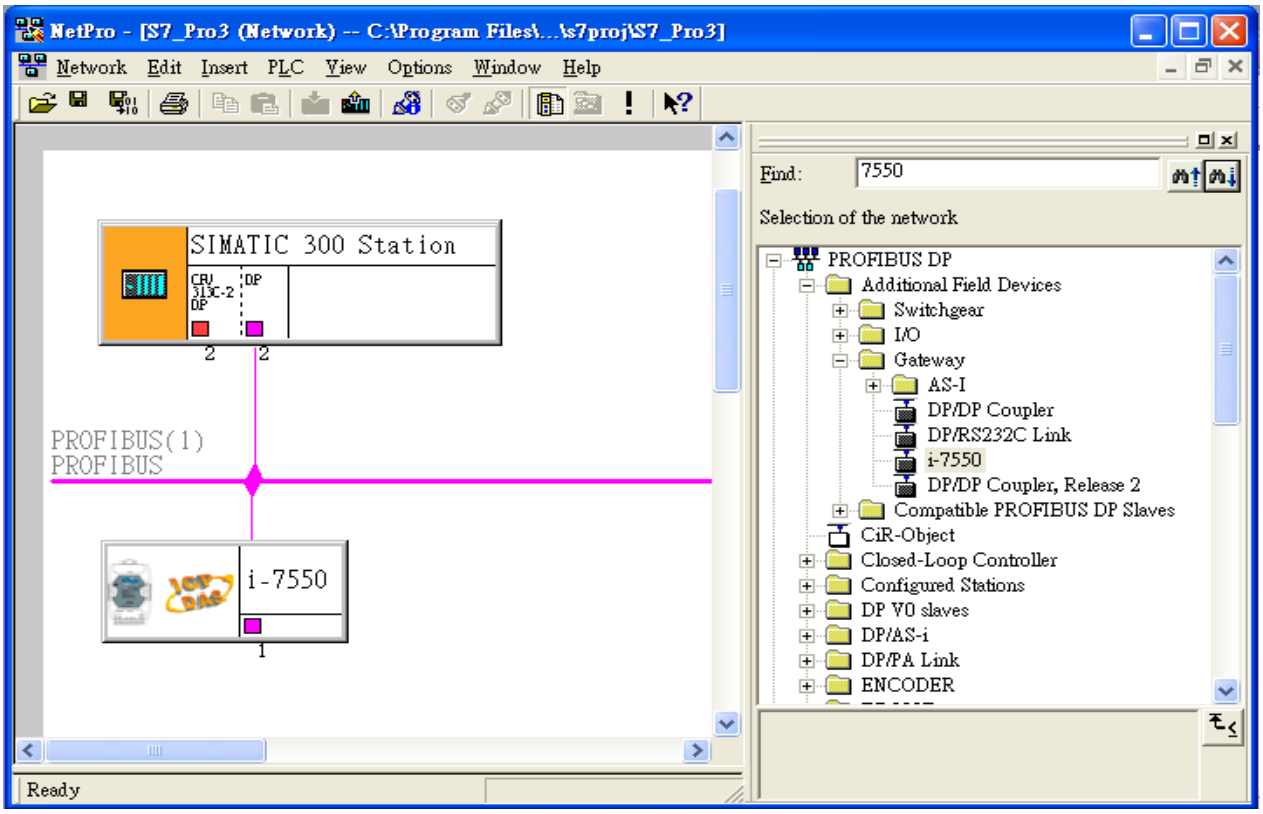


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b. Select DP module and double click I-7550's icon and then set I-7550's address in the "Properties" dialog (this address must be the same with dip switch of the I-7550 module) and click "OK"

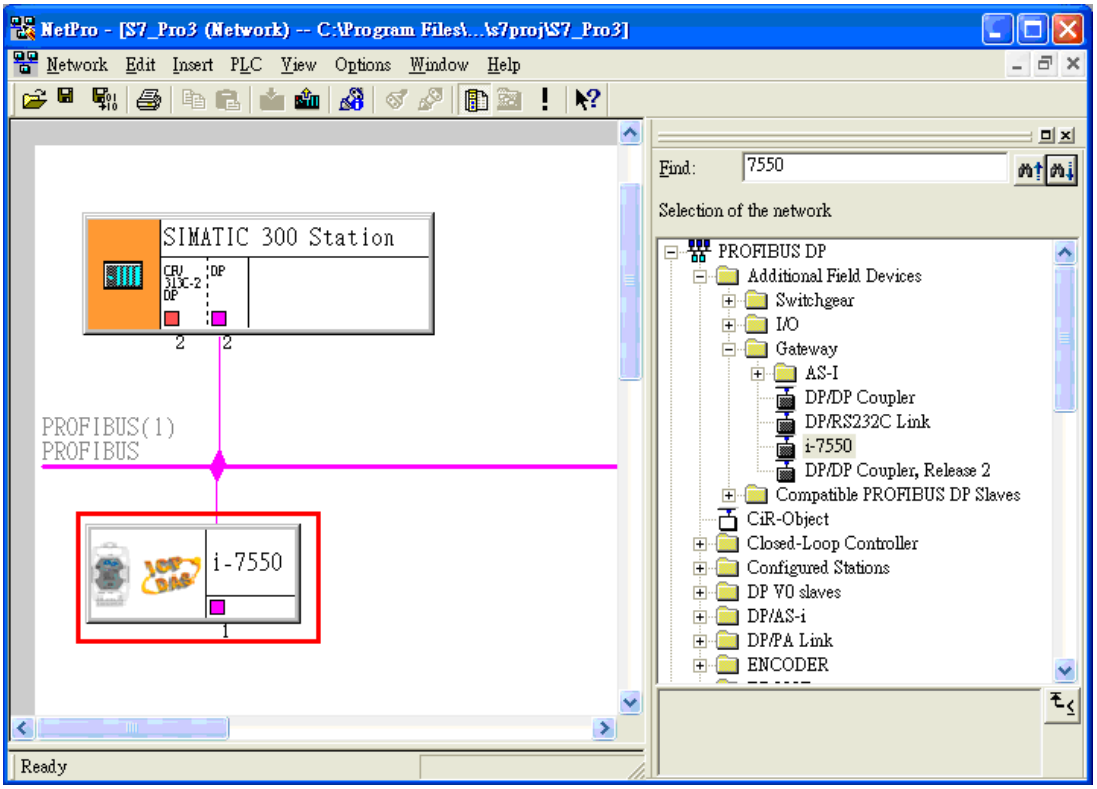


c. I-7550 add completely

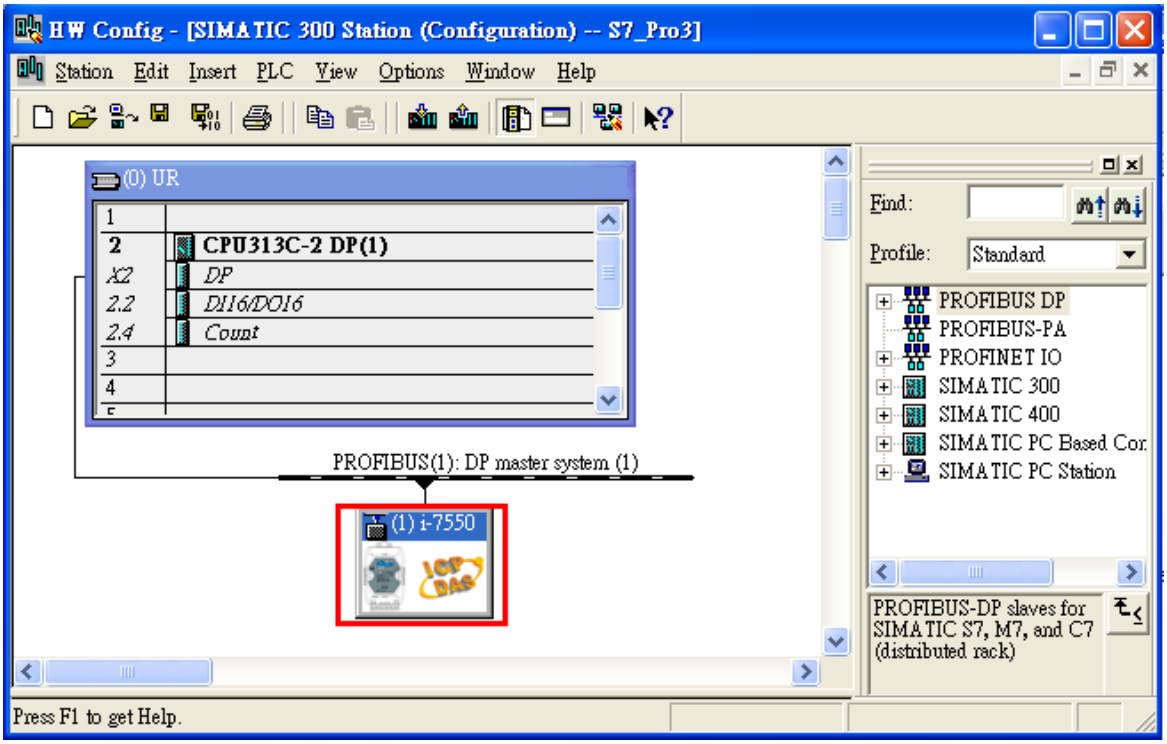


9. I-7550 parameter settings

a. Double click I-7550's icon to open "HW Config"

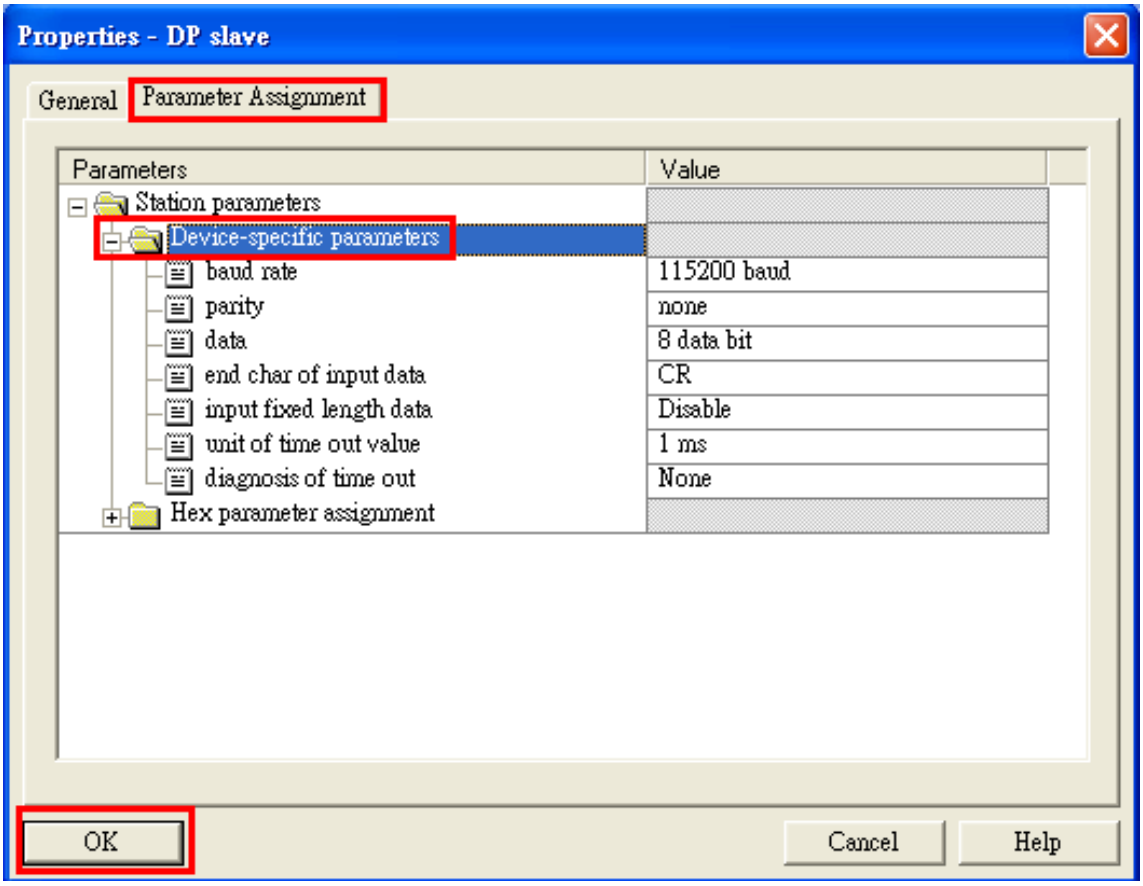


b. Double click I-7550's icon to open "Properties" dialog



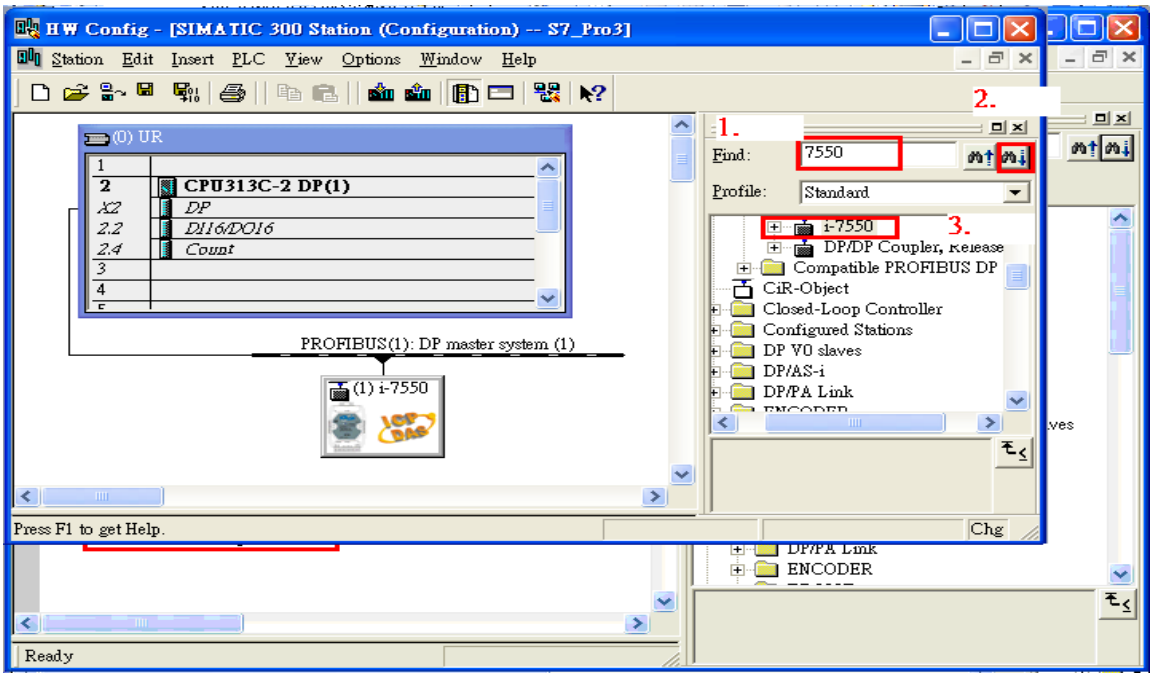
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c. Select “Device-specific parameters” folder and configure the settings (ex: baud rate, parity, data bit) and click ”OK”.

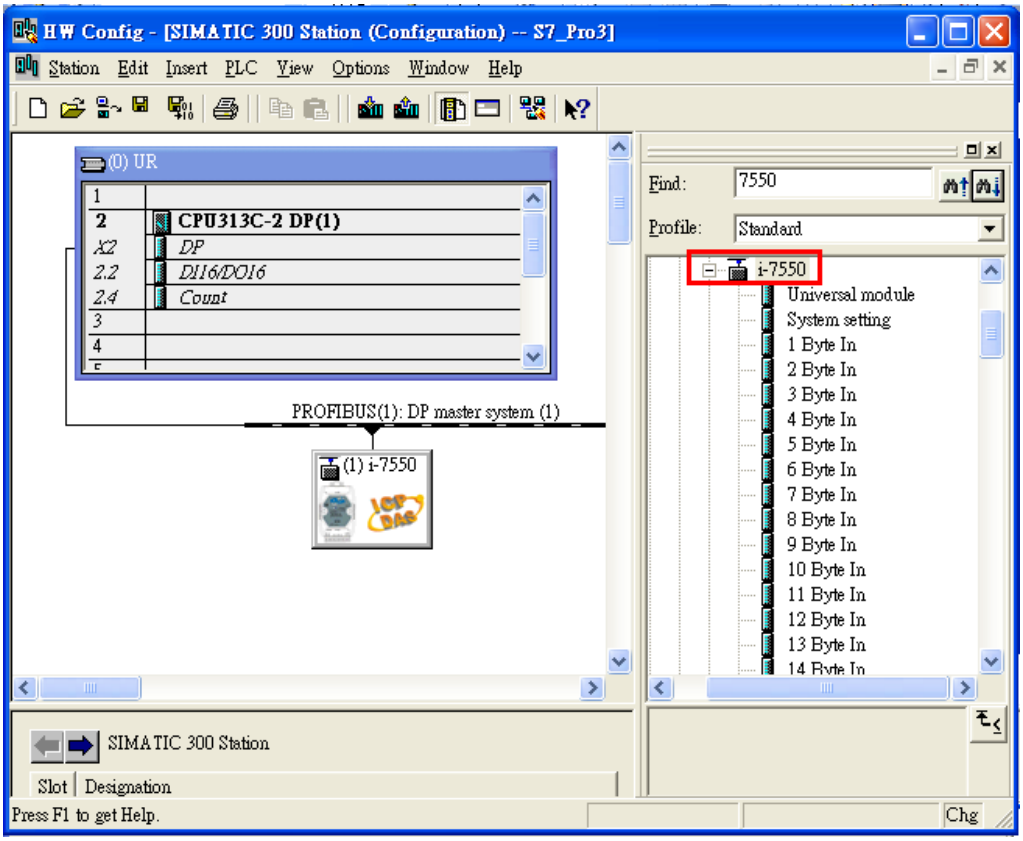


10. I-7550’s module configuration

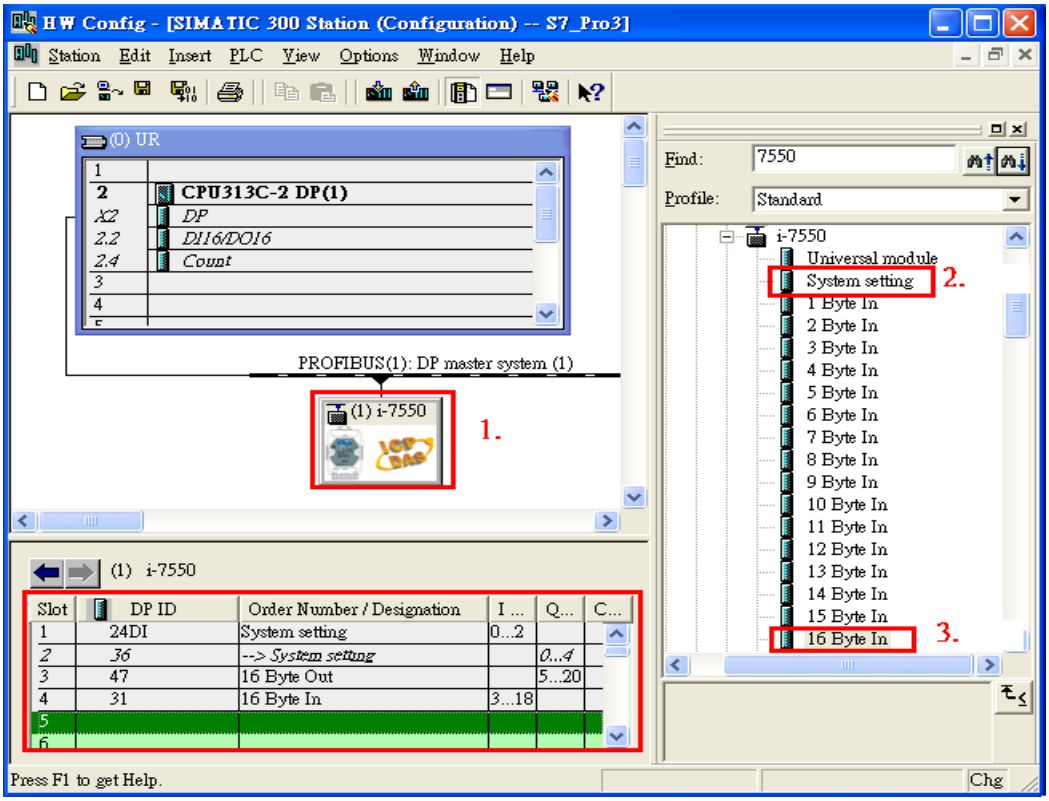
a. Find I-7550



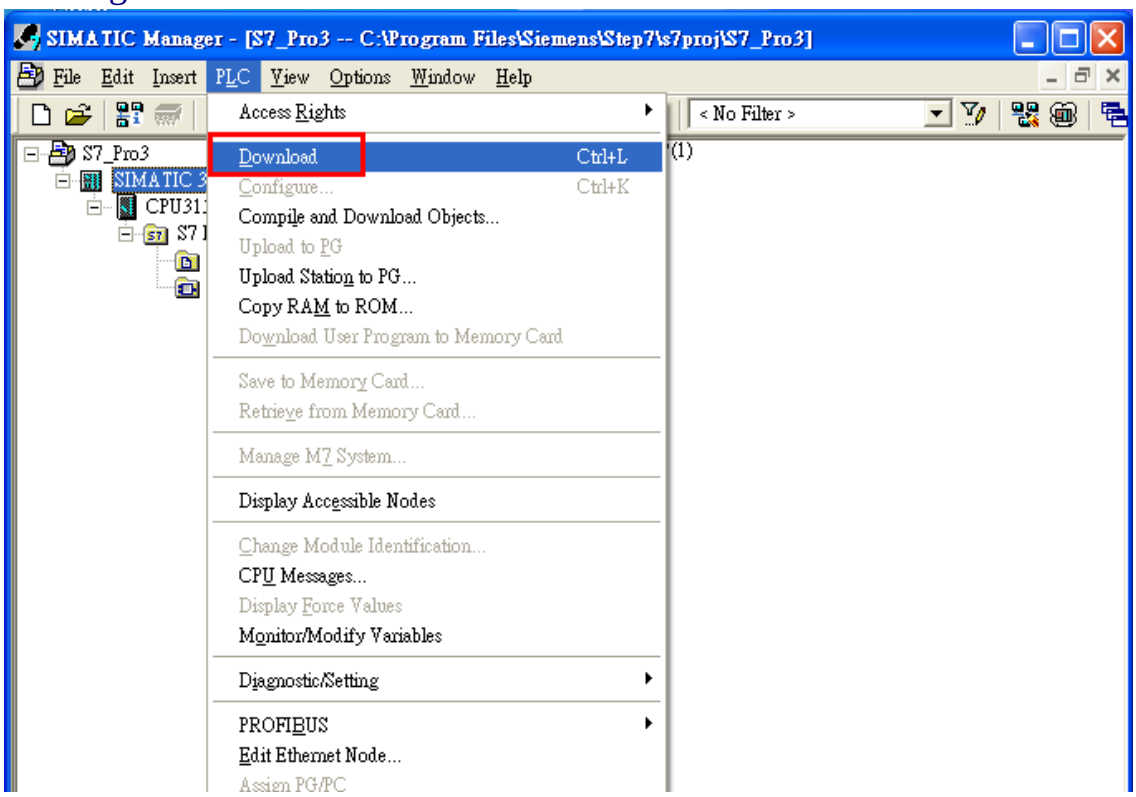
b. Spread I-7550's folder



c. Click I-7550 module and double click "System setting module" and select the IO modules that you need (ex: 16 Bytes IN, 16 Bytes OUT).



11. You have complete I-7550's configuration already and you just need to download the configuration to Siemens PLC。



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