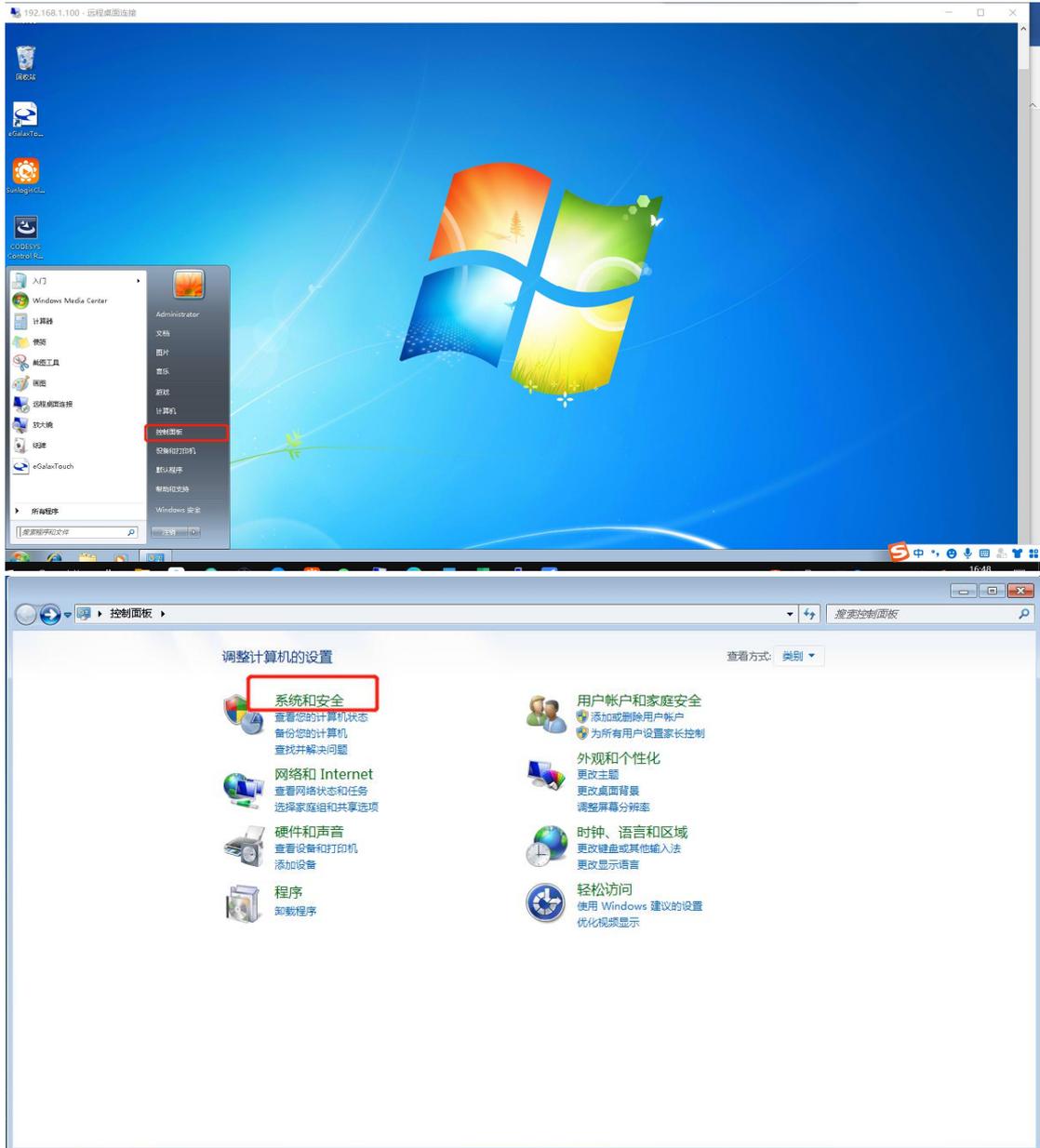


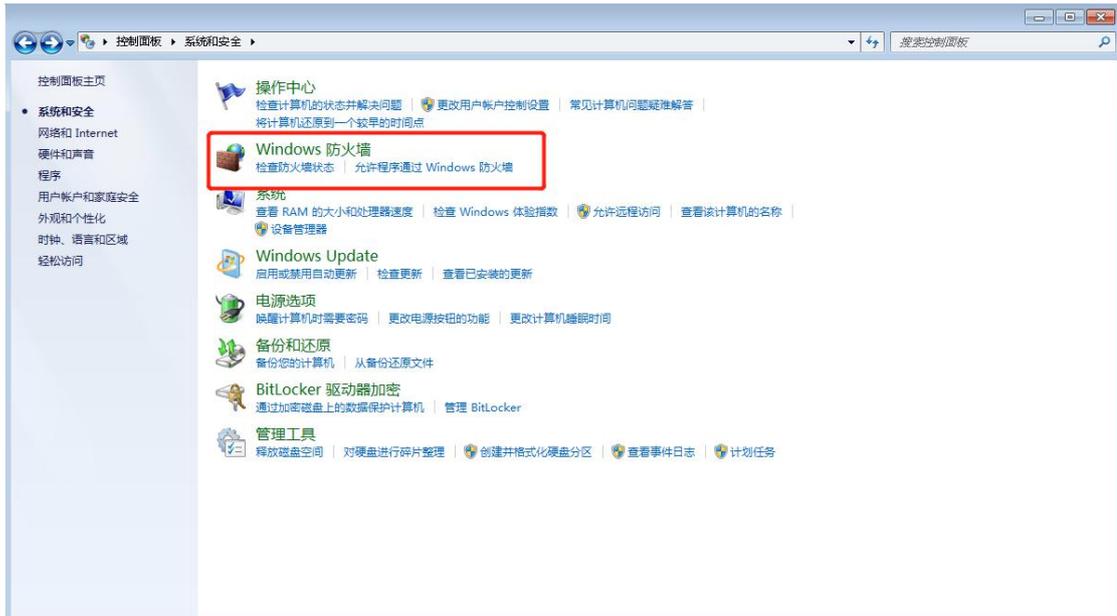
Codesys3.5.16.40RTE 安装说明

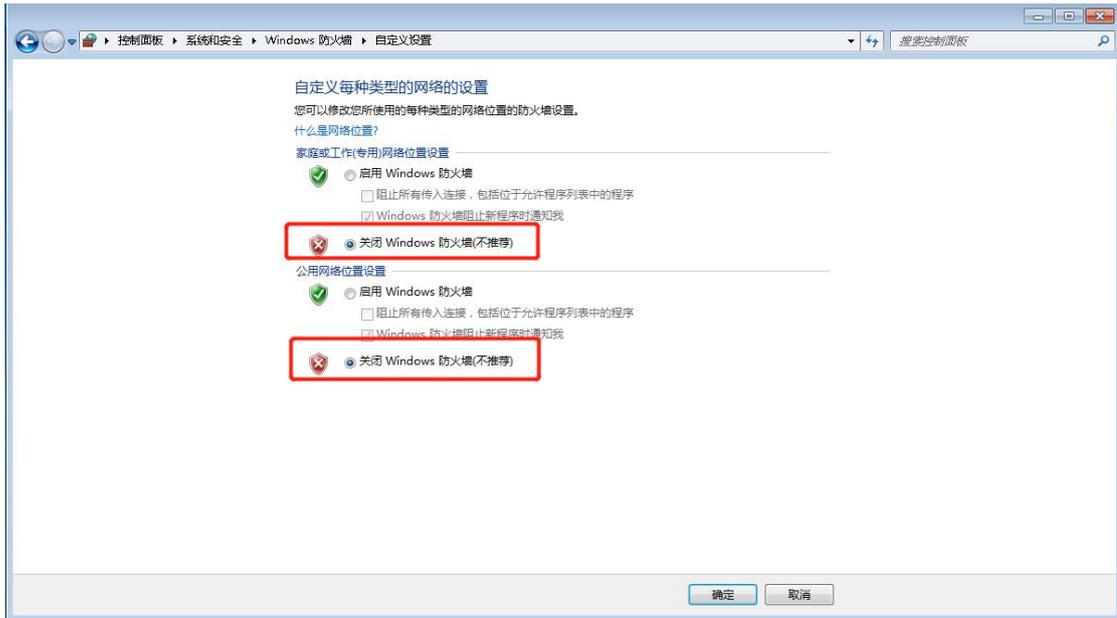
以 win7-64 位旗舰版系统为例

1. 首先需要关闭工控机的防火墙

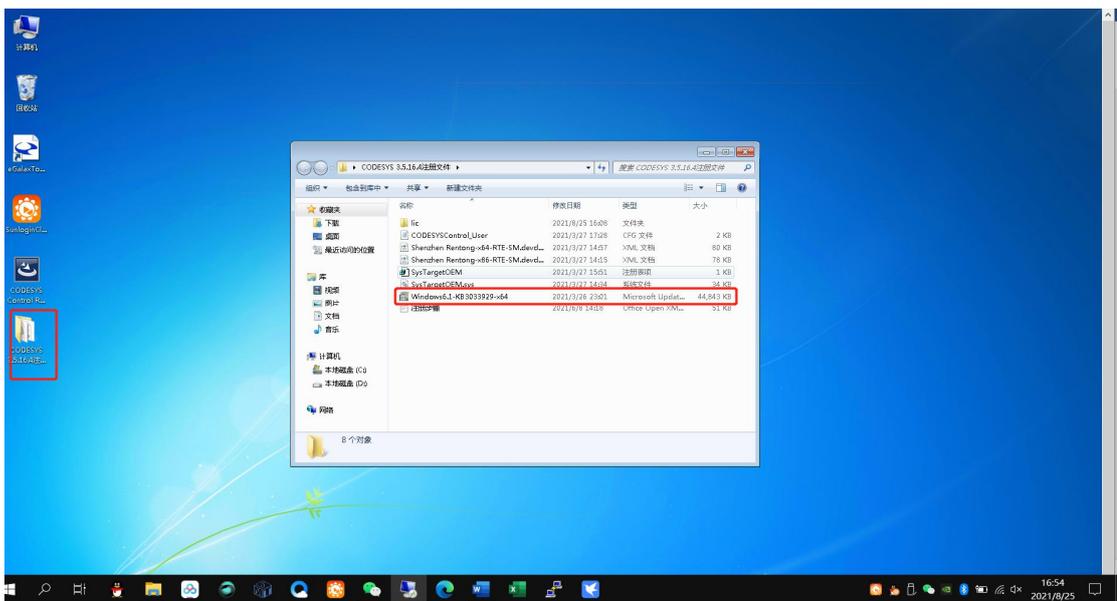
点击左下角“开始菜单”-“控制面板”-“系统和安全”-“windows 防火墙”-“打开或关闭 windows 防火墙”-“关闭 windows 防火墙”





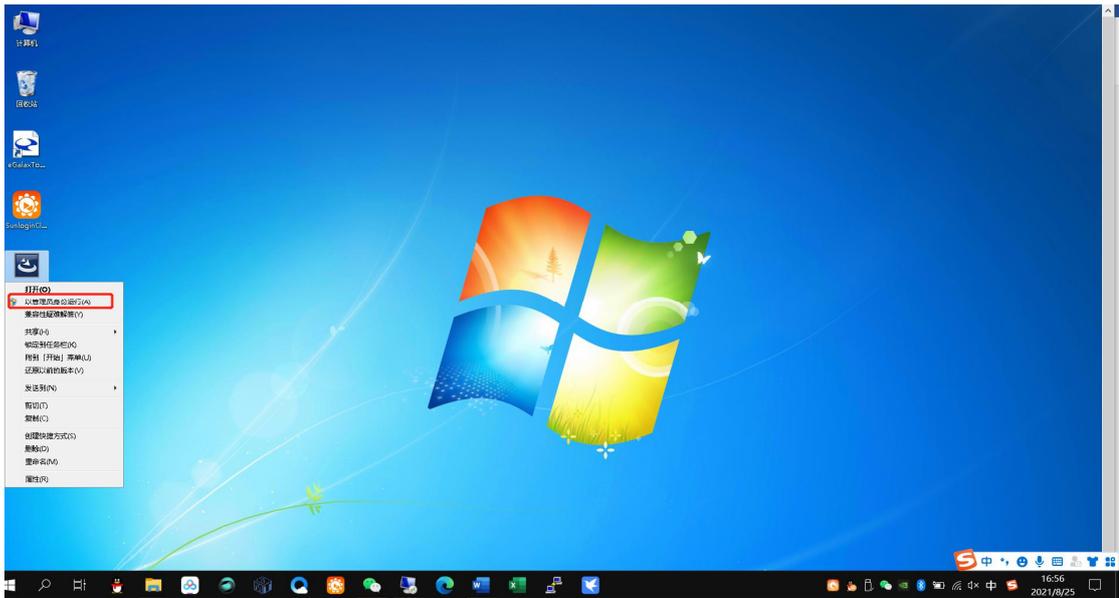


2. 打开注册文件夹 双击"Windows6.1-KB3033929-x64"补丁进行安装

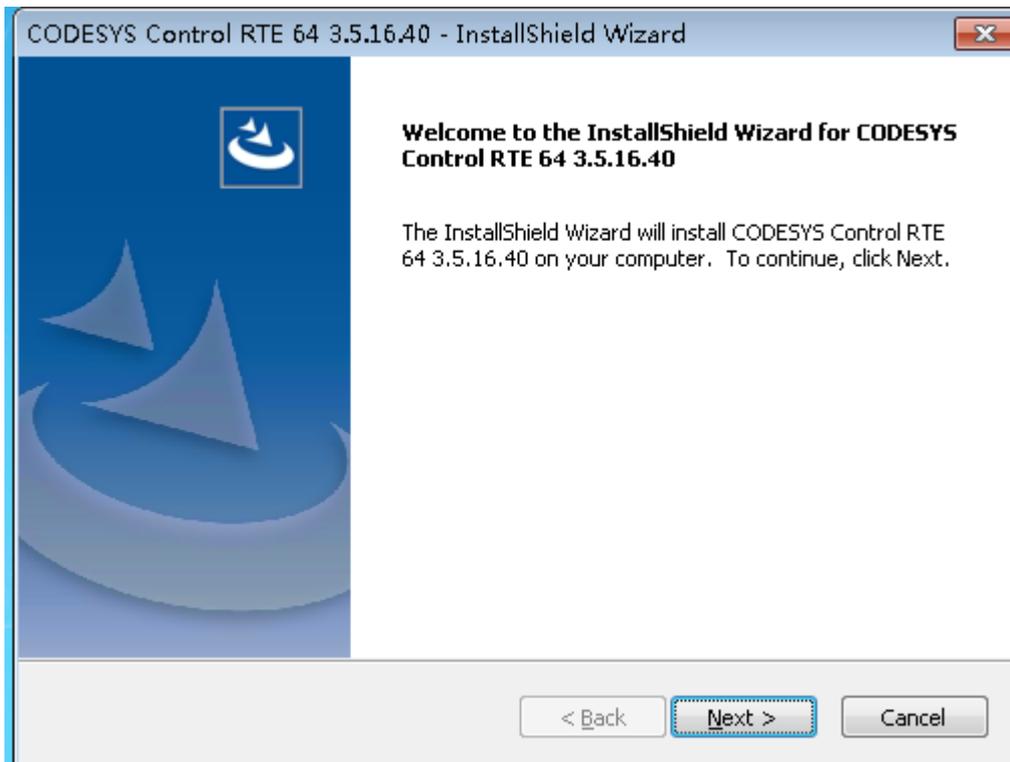


若安装过程中出现“系统已有该补丁”或“系统已有更高版本的补丁”则取消该步骤

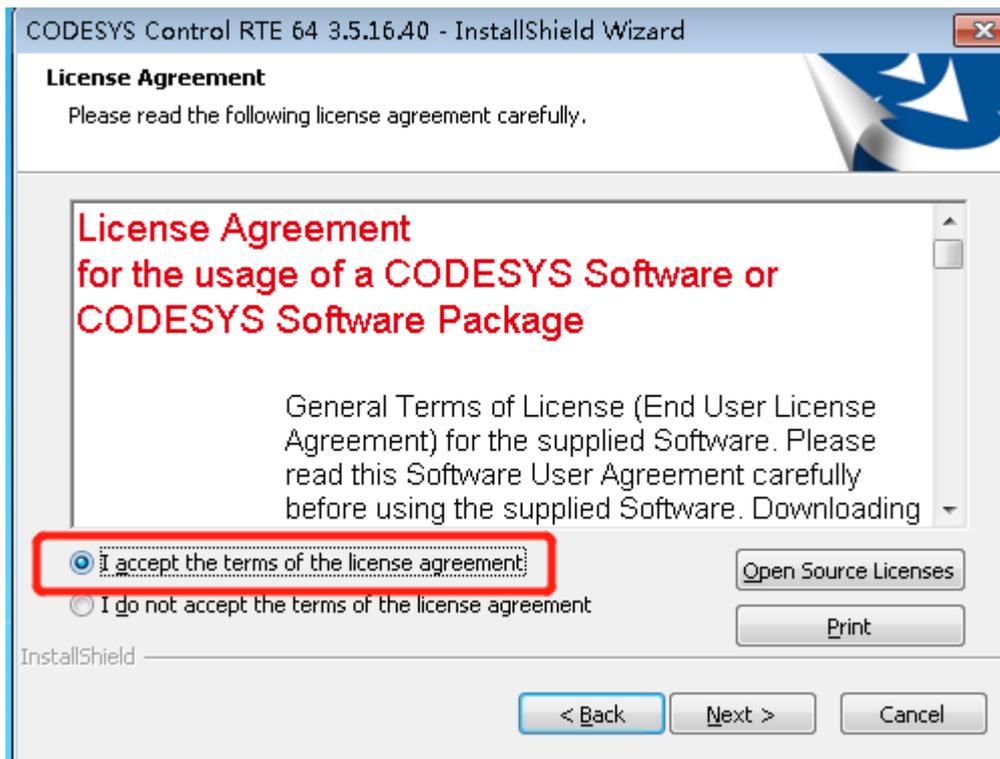
3. 右键 Codesys3.5.16.40RTE 安装包 选择“以管理员身份运行”



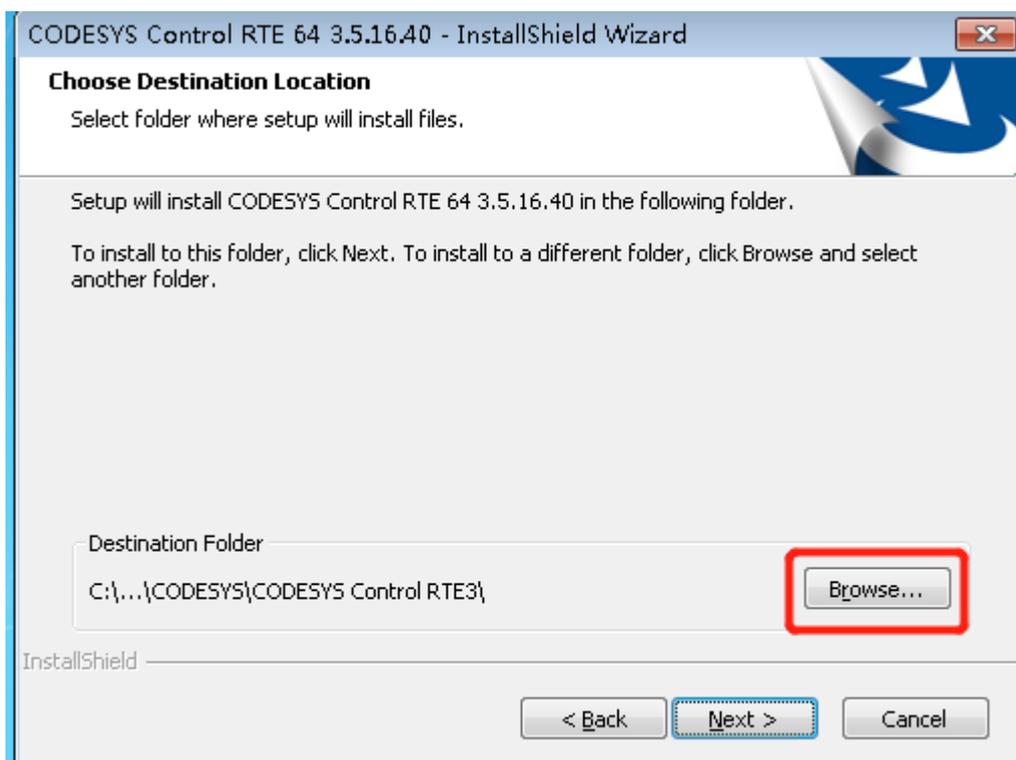
4. 弹出“欢迎安装 RTE3.5.16.40”窗口 点击 NEXT



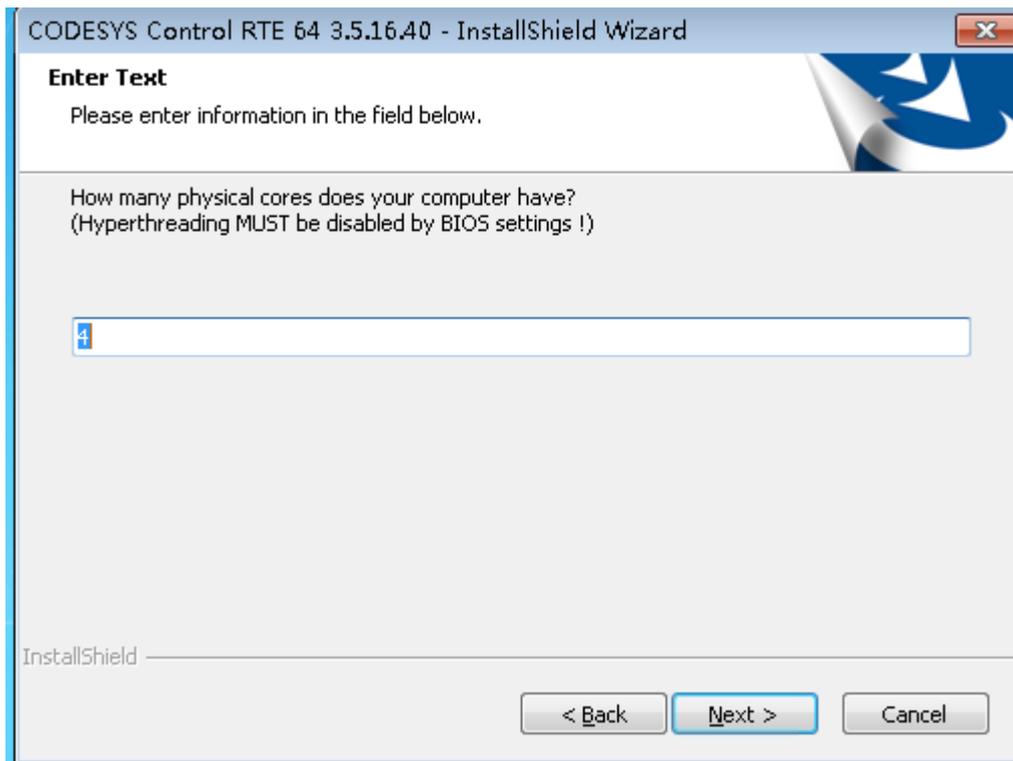
5. 选择“我接受授权条约”



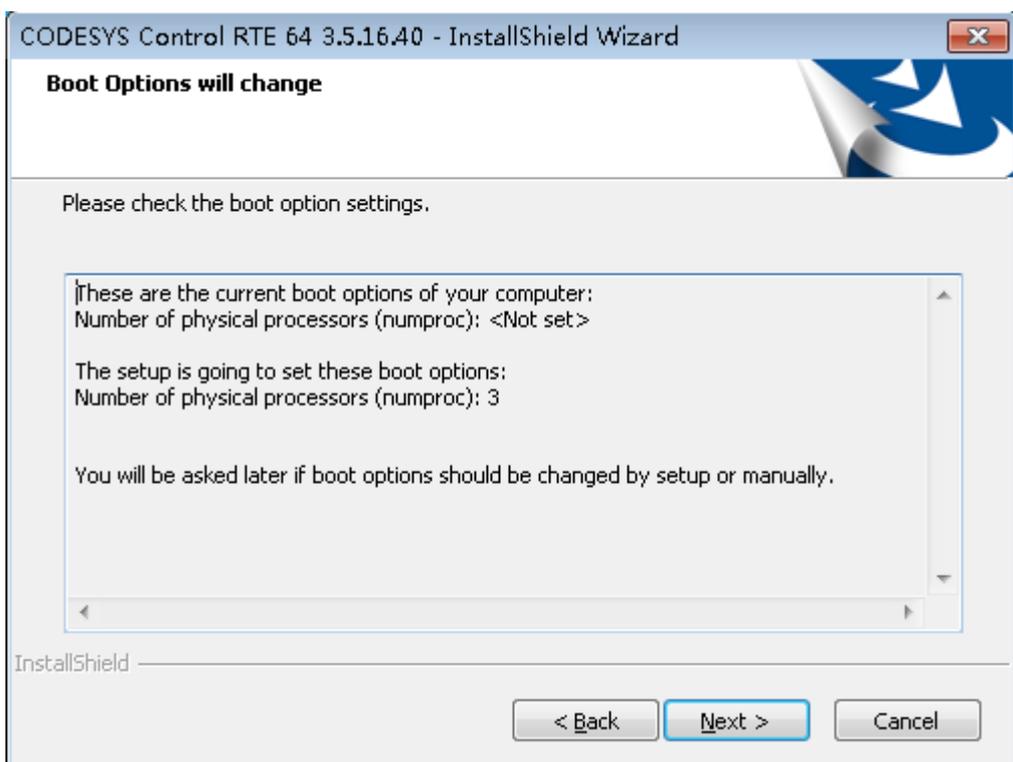
6. 选择软件安装路径 默认在 C 盘



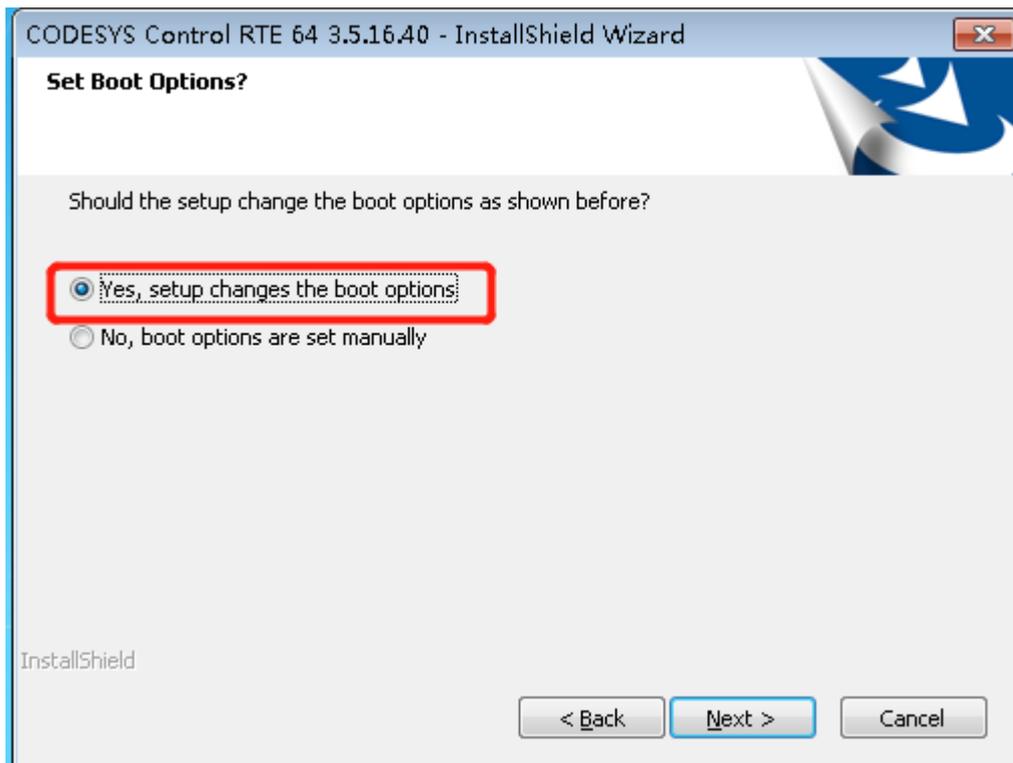
7. 软件会自动识别工控机的物理核数量 不用更改 点击 NEXT



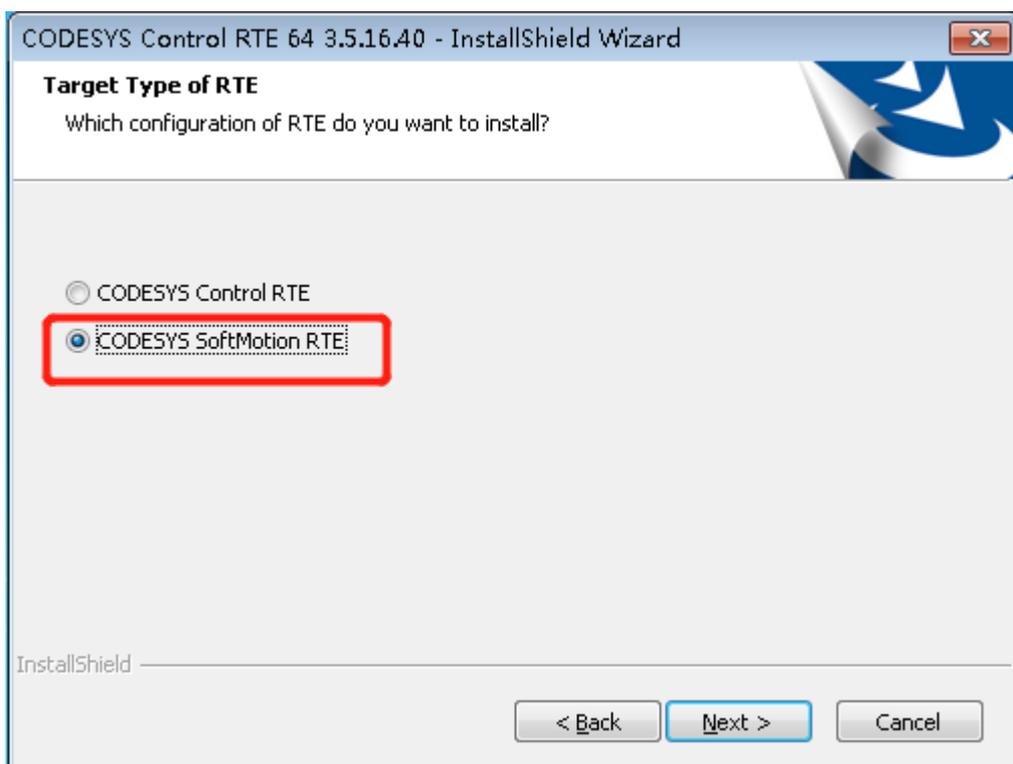
8. “启动选项将会改变” 继续选择 NEXT



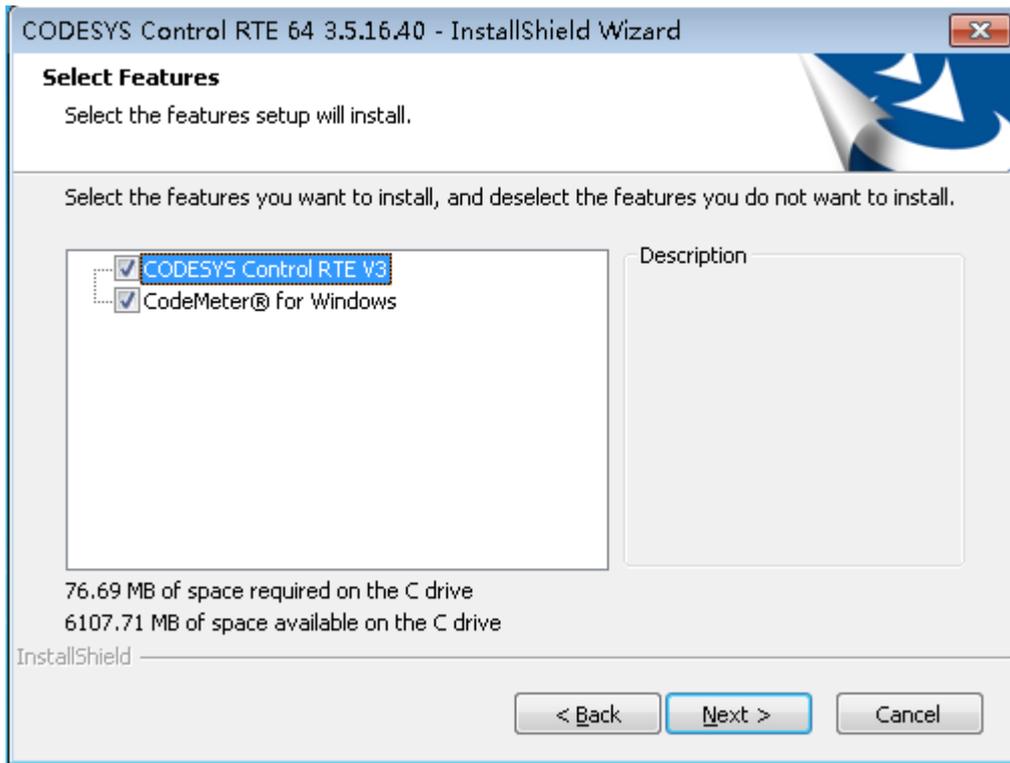
9. 默认选择 “是的 安装改变了启动选项” 点击 NEXT



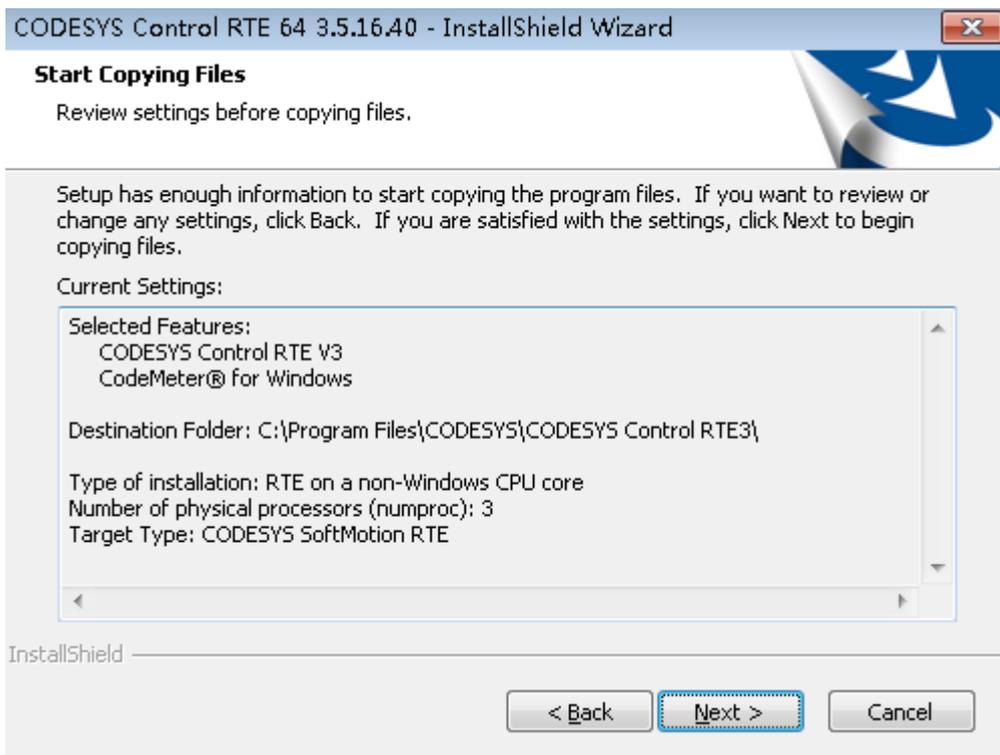
10. 选择“运动控制版本的 RTE”



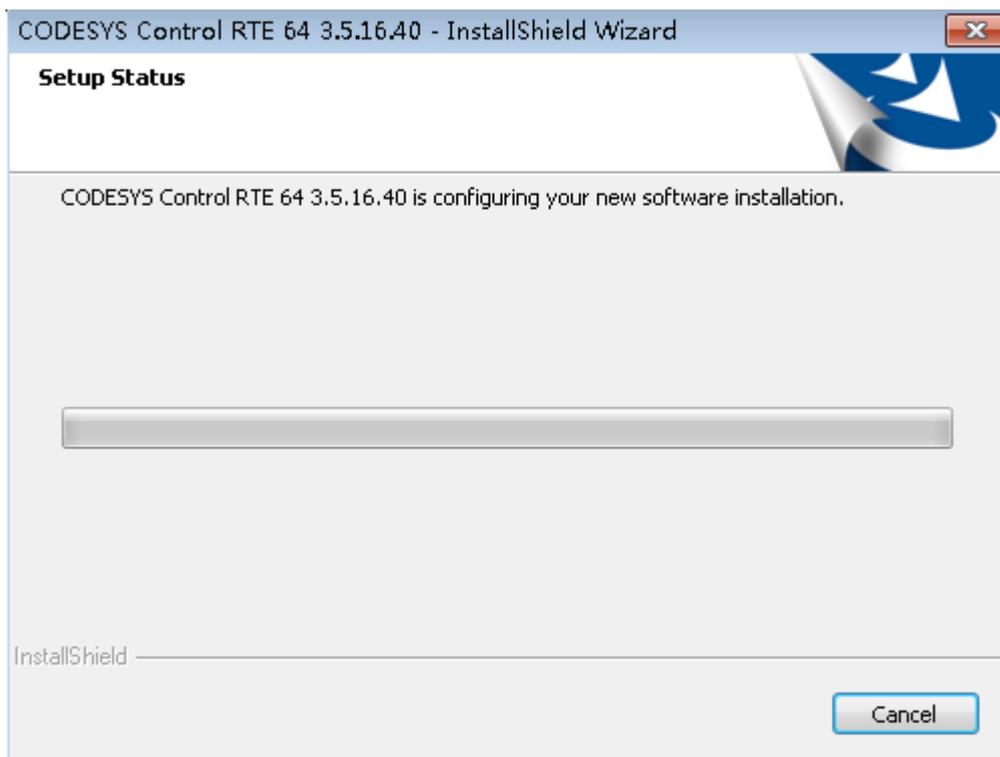
11. 默认勾选 继续点击 NEXT



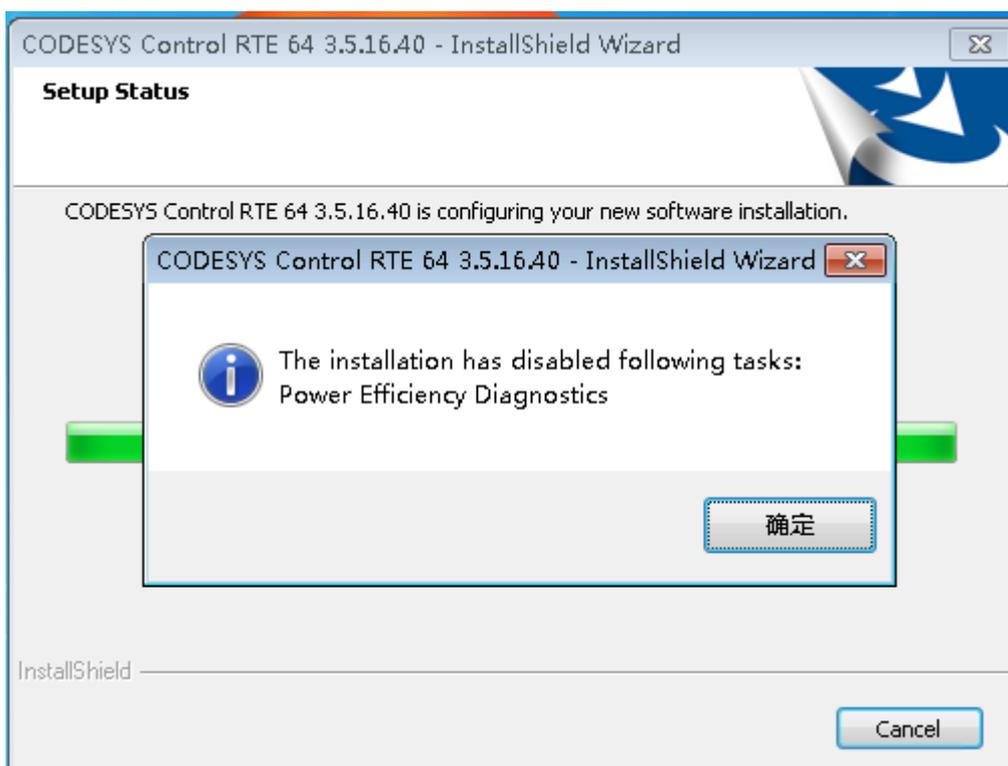
12. “开始复制文件” 点击 NEXT



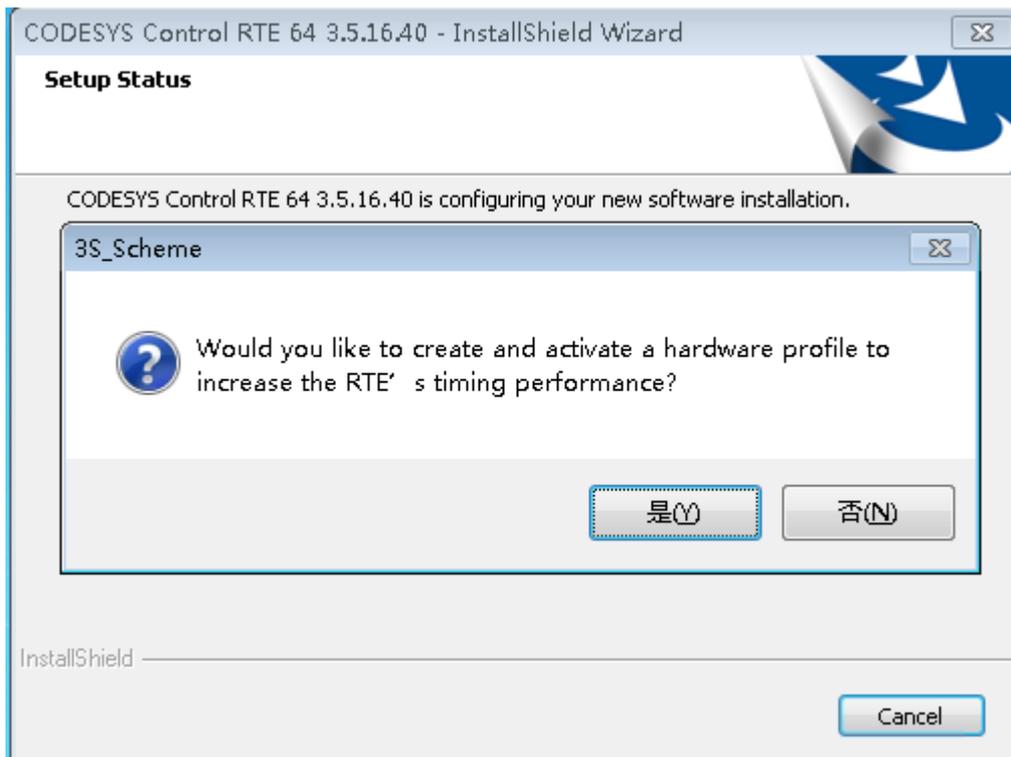
13. 等待安装



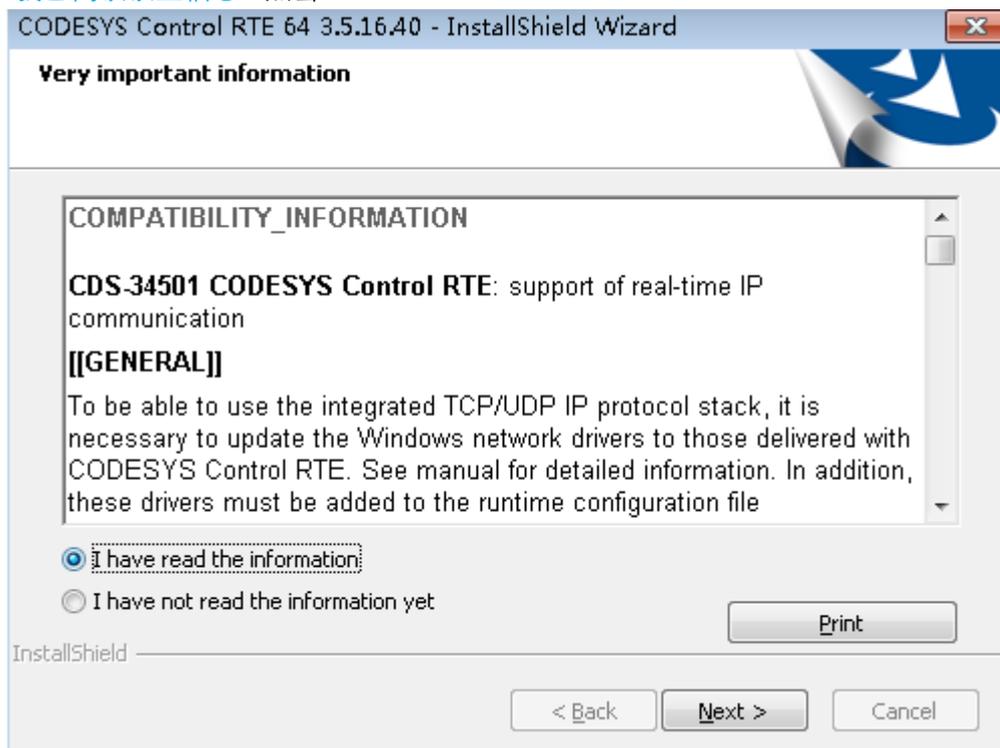
14. 进度条走完后会弹出“安装已关闭下列任务： 电源能效诊断” 点击“确定”



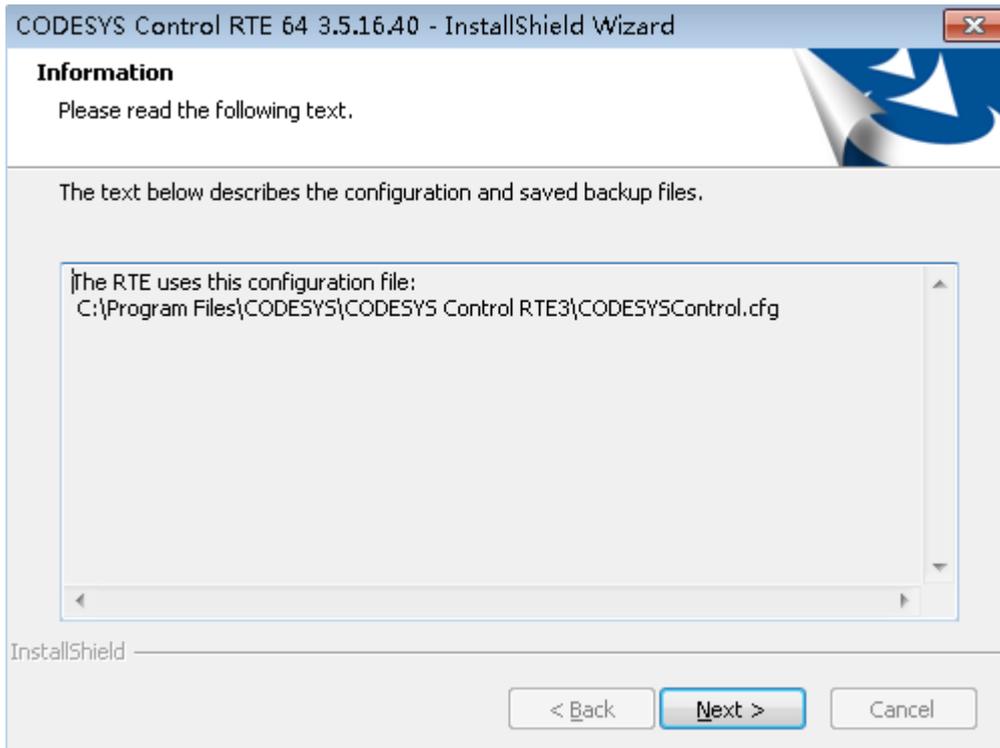
15. “你是否愿意创建并激活一个配置文件以减少 RTE 的时序性能” 选择“是”



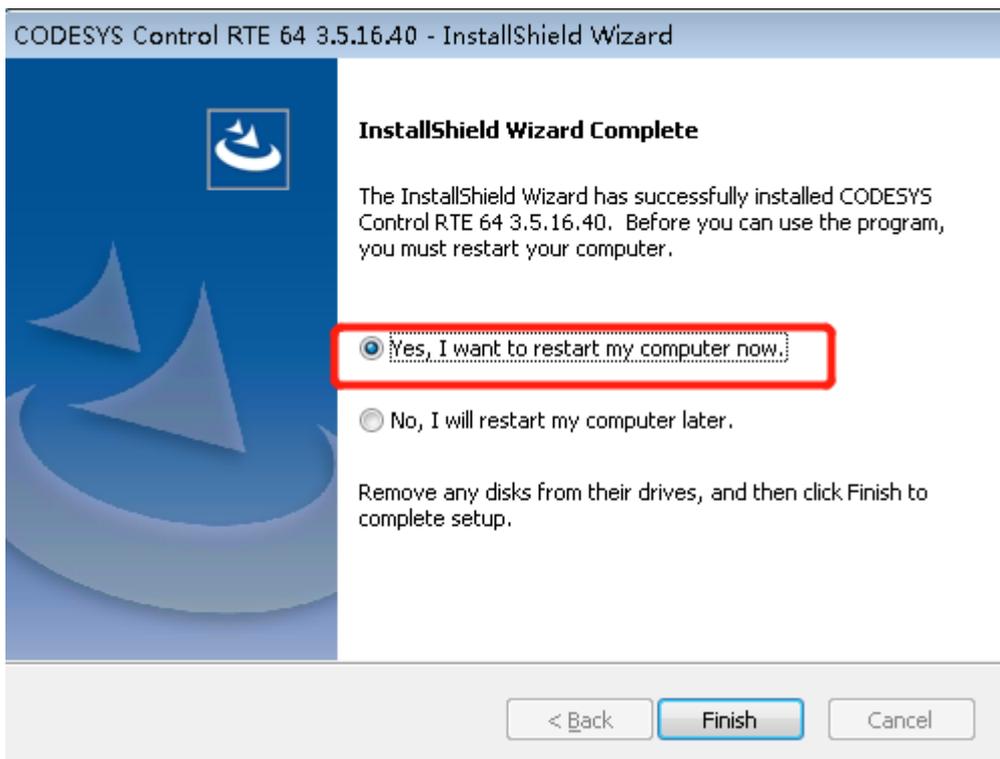
16. “我已阅读以上信息” 点击 NEXT



17. RTE 使用了以下配置文件” 点击 NEXT



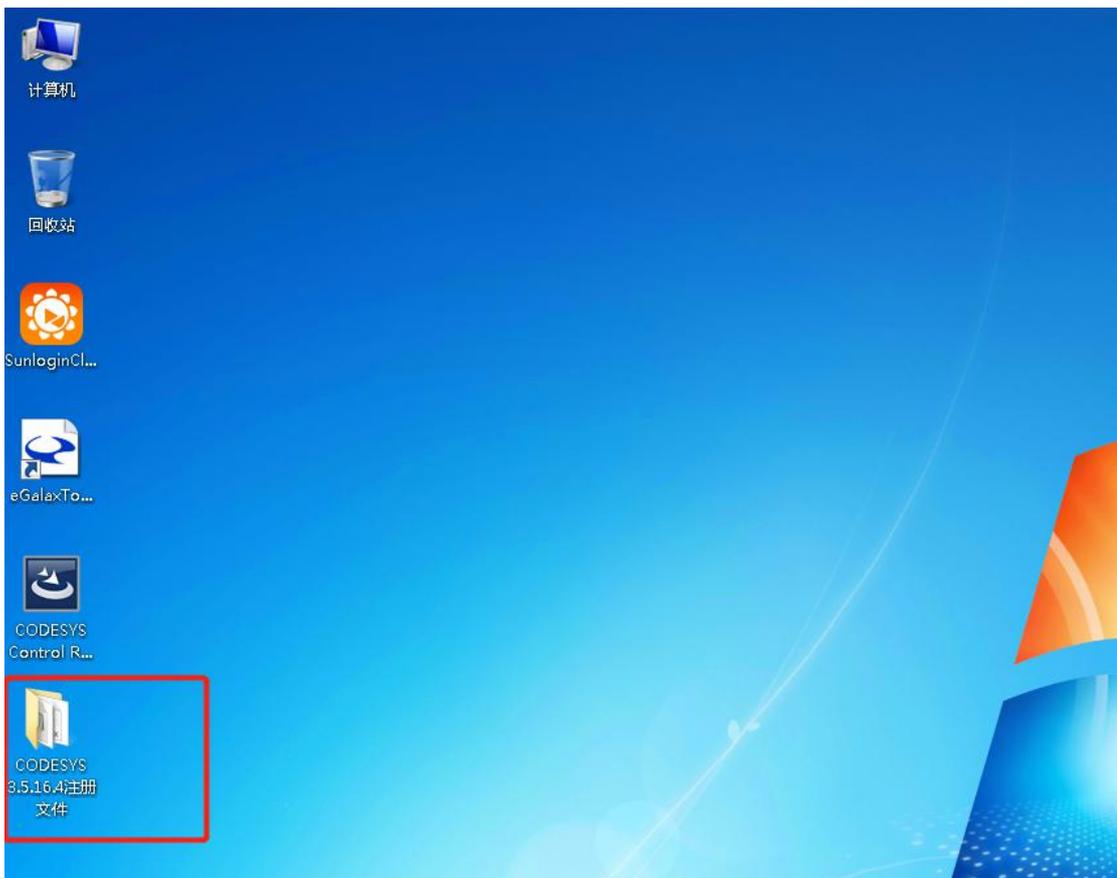
18. “是的 我准备现在重启电脑”



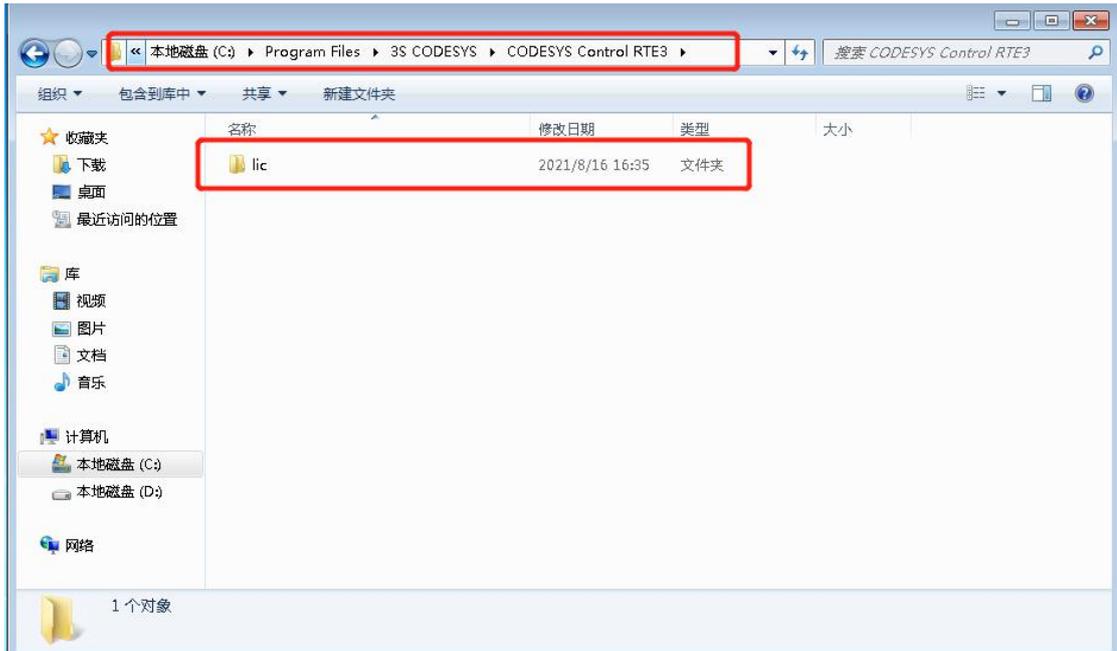
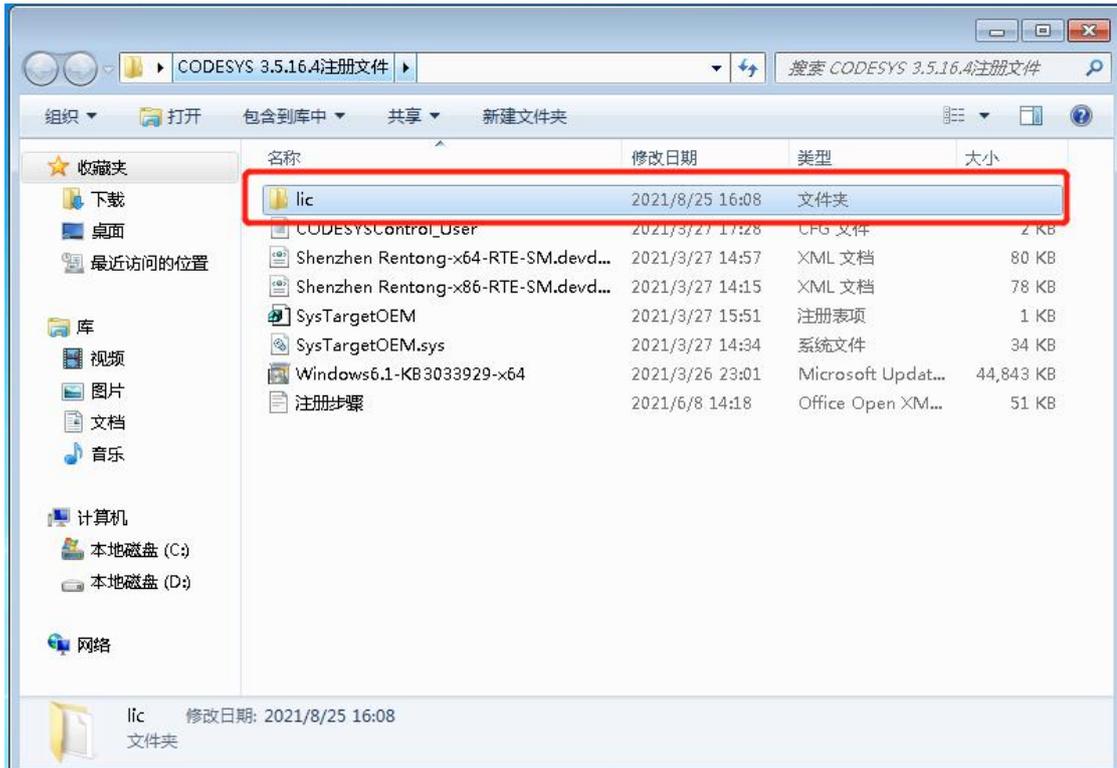
19. 重启成功后 RTE 图标一般被隐藏在收缩栏里 可将其拖动至任务栏中



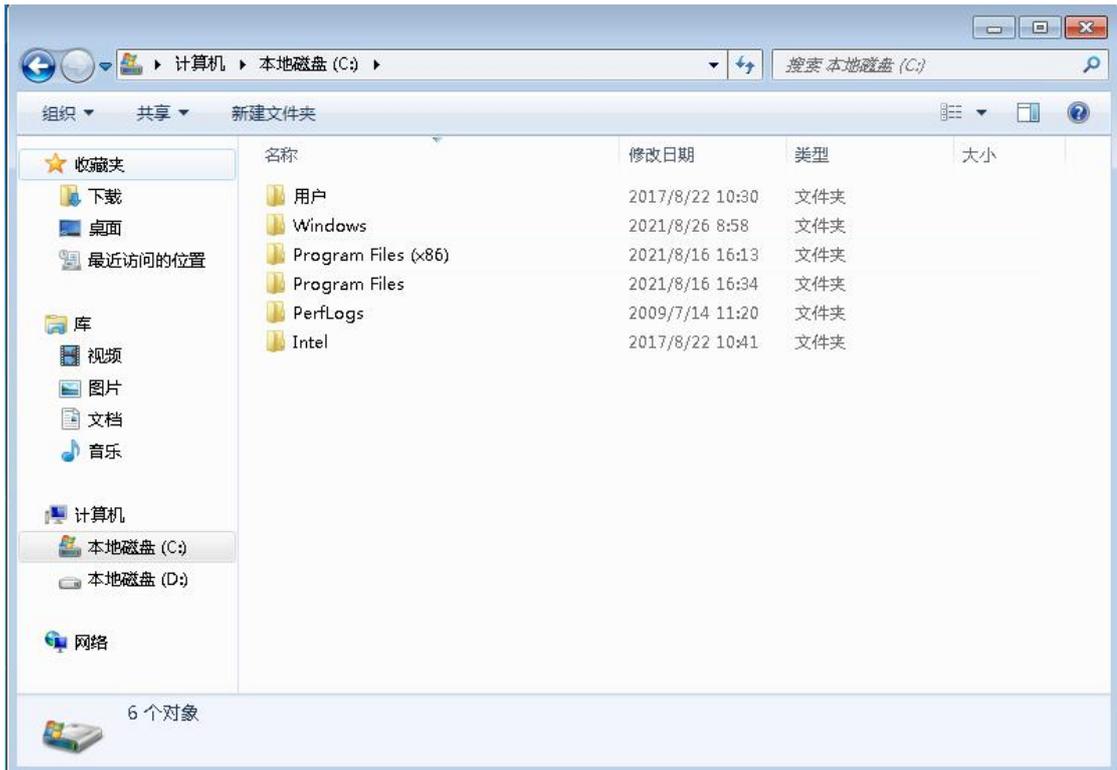
20. 打开桌面上的 Codesys3.5.16.40 注册文件



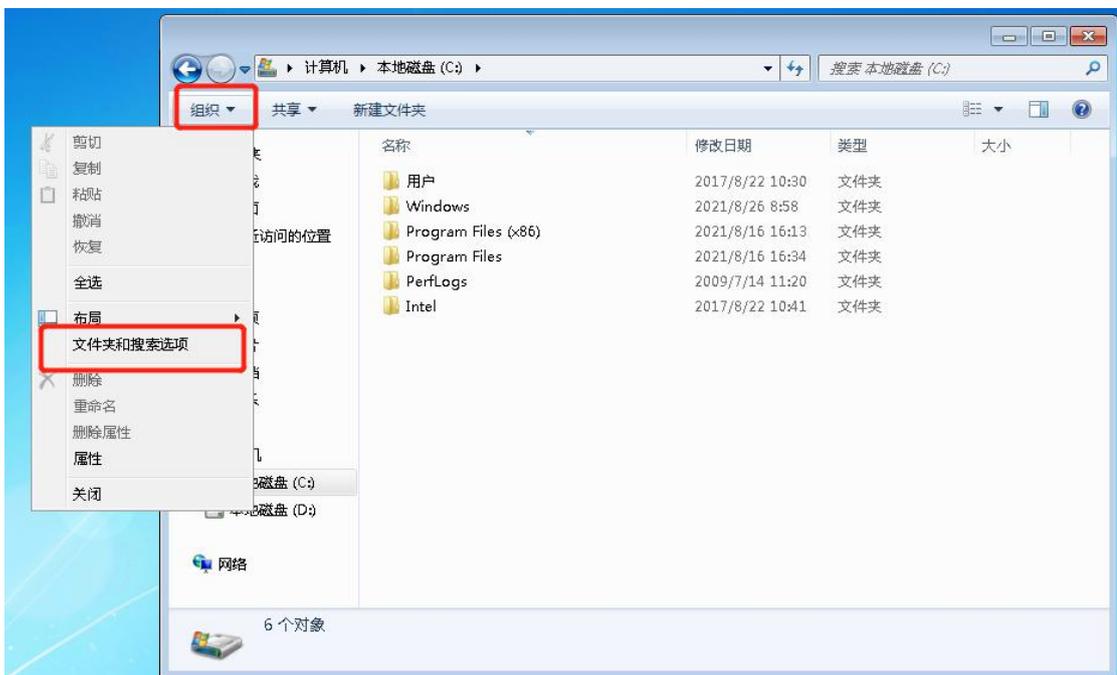
21. 将 lic 文件夹放在 C:\Program Files\3S CODESYS\CODESYS Control RTE3 目录下 (若没有 3S CODESYS 和 CODESYS Control RTE3 两个文件夹, 需自行新建)



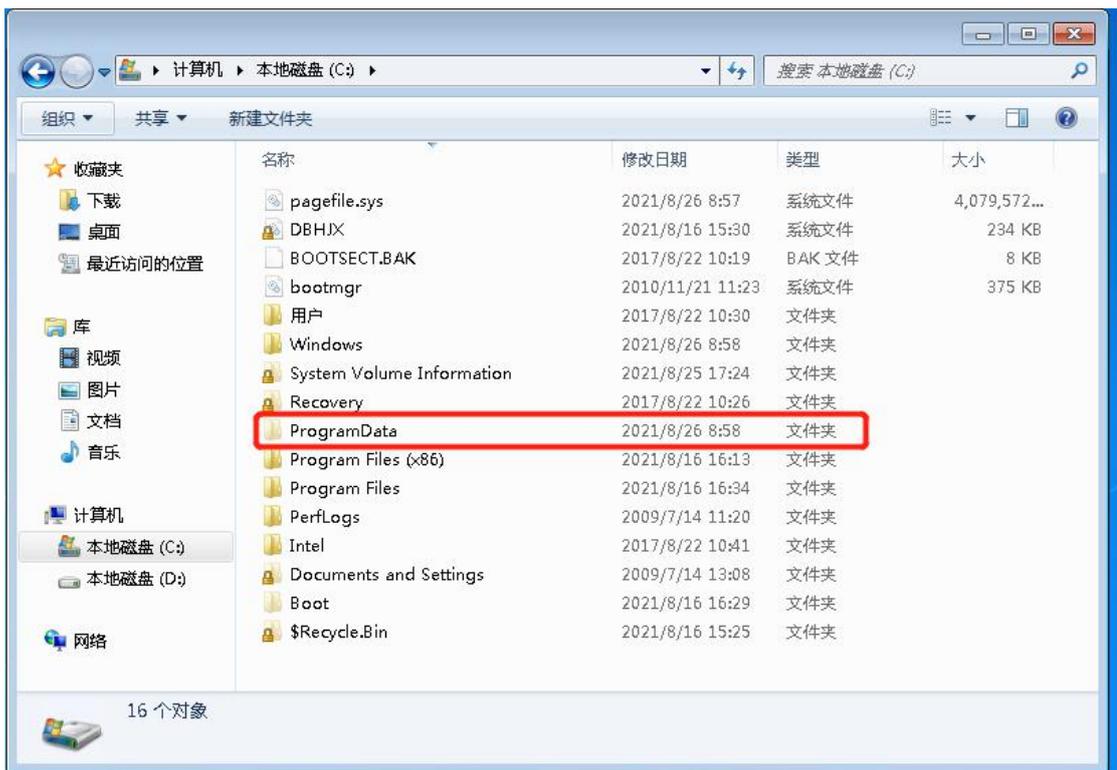
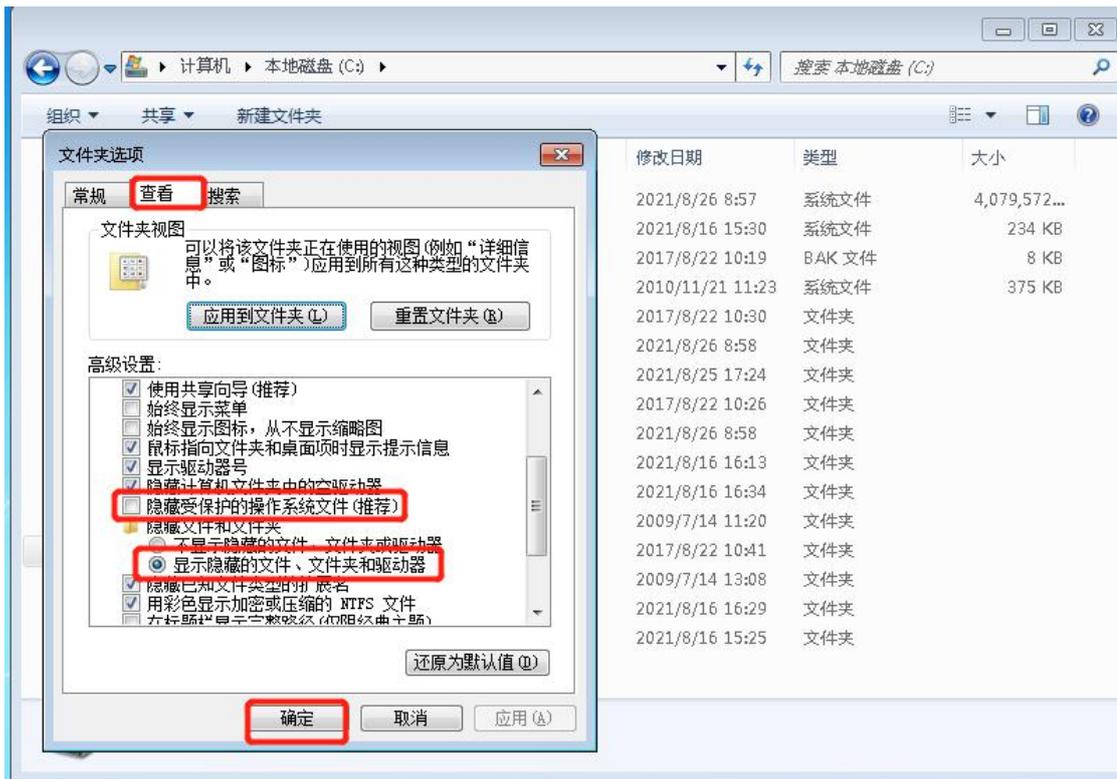
22. 打开计算机 C 盘 一般情况系统不会显示隐藏文件 界面如下



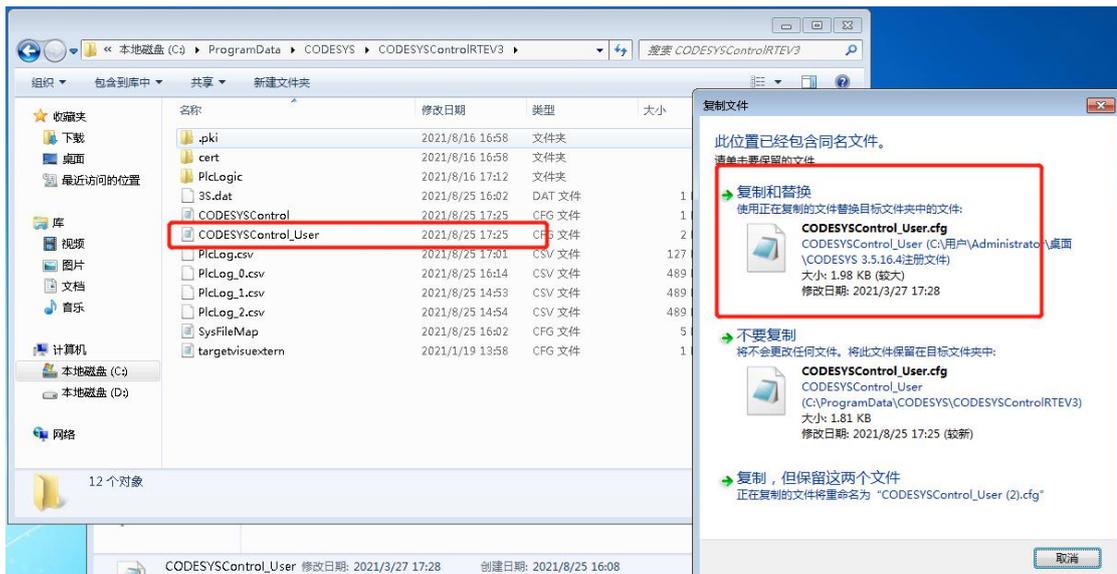
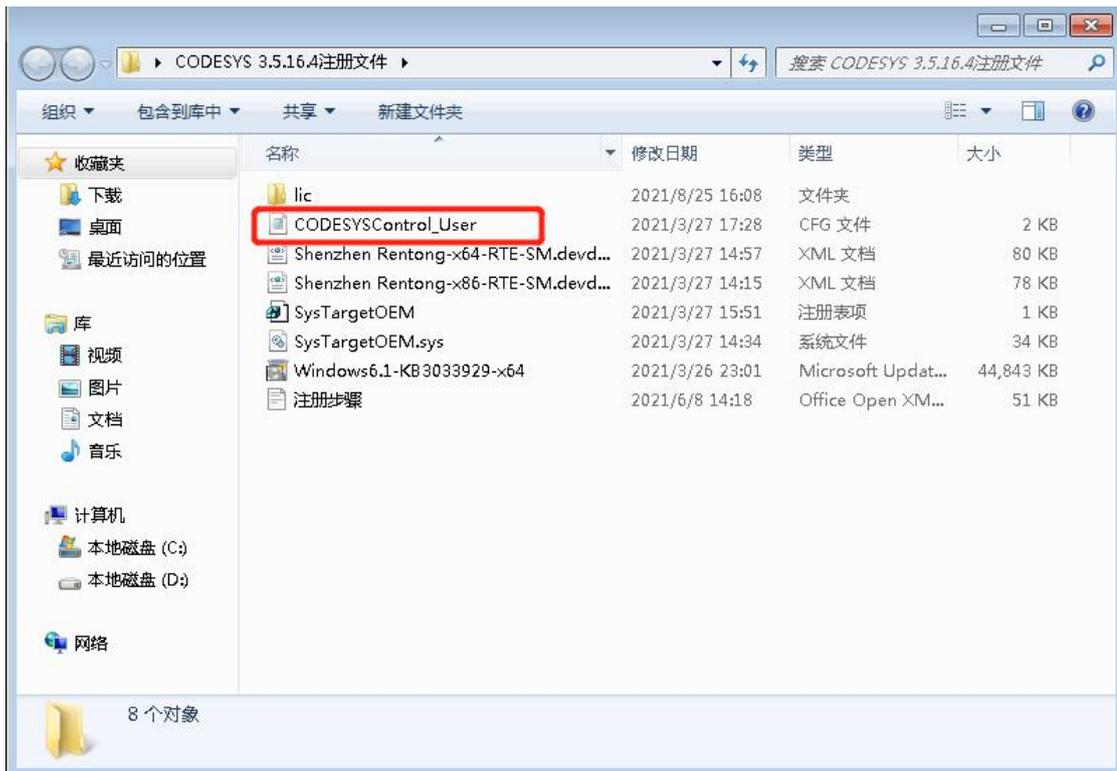
23. 点击“组织”-“文件夹和搜索选项”



24. 点击“查看”将“隐藏受保护的操作系统文件”取消勾选 并选择“显示隐藏的文件、文件夹和驱动器” 确定后 C 盘界面如下



25. 将注册文件夹中的 CODESYSControl_User 文件放在
C:\ProgramData\CODESYS\CODESYSControlRTEV3 路径中 将原有的文件进行替换



26. 替换完成后 以文本文档的方式打开 CODESYSControl_User 文件 确认以下两项信息是否与图中所框选信息一致

```
CODESYSControl_User - 记事本
文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)

[ComponentManager]
OverloadableFunctions=1
Component.1=CmpDrvSchedulerAMP
Component.2=CmpCodeMeter_legacy
Component.3=CmpSJACanDrv
Component.3=CmpEt1000Drv
Component.3=CmpEt1000Drv
Component.3=CmpEt1000Drv
Component.3=CmpRTL81x9Mpd
Component.3=CmpRTL8169Mpd
Component.3=CmpHilscherCIFX
Component.3=CmpSercos3Master
Component.3=CmpEt1000Drv
Component.4=SysTargetOEM

[CmpLog]
;Log to file
Logger.0.Name=PlcLog
Logger.0.Enable=1
;Logger.0.Filter=0xffffffff
Logger.0.MaxEntries=100000
Logger.0.MaxFileSize=500000
Logger.0.MaxFiles=3
Logger.0.Backend.0.ClassId=0x00000104

[CmpApp]
;Bootproject.CreateOnDownload=0
Application.1=Application

[CmpHilscherCIFX]
;TraceLevel=0xFFFFFFFF
InterruptMode=0
DMAMode=1
DynamicFirmware=1
BootloaderFile=$Firmware$/HilscherCIFX/Firmware/NETX100-BSL.bin
FirmwareFilePath=$Firmware$/HilscherCIFX/Firmware
;non-dynamic declaration of FW-files:
;Device.0.BootloaderFilePath=$Firmware$/HilscherCIFX/Firmware/NETX100-BSL.bin
;Device.0.Channel.0.FirmwareFile=$Firmware$/HilscherCIFX/Firmware/cifxcom.nxf

[SysFile]
PlcLogicPrefix=1
PlaceholderFilePath=C:\Program Files\CODESYS\CODESYS Control RTE3, $Firmware$
FilePath.1=C:\Program Files\SS CODESYS\CODESYS Control RTE3\lic, *.dat

[CmpOPCUAServer]
UseLoopback=1
;NetworkPort=4841 ;Configure the port used by the OPC UA server. Default: 4840
;NetworkAdapter=eth0 ;Configure the name network adapter to be used by the OPC UA server. By Default (

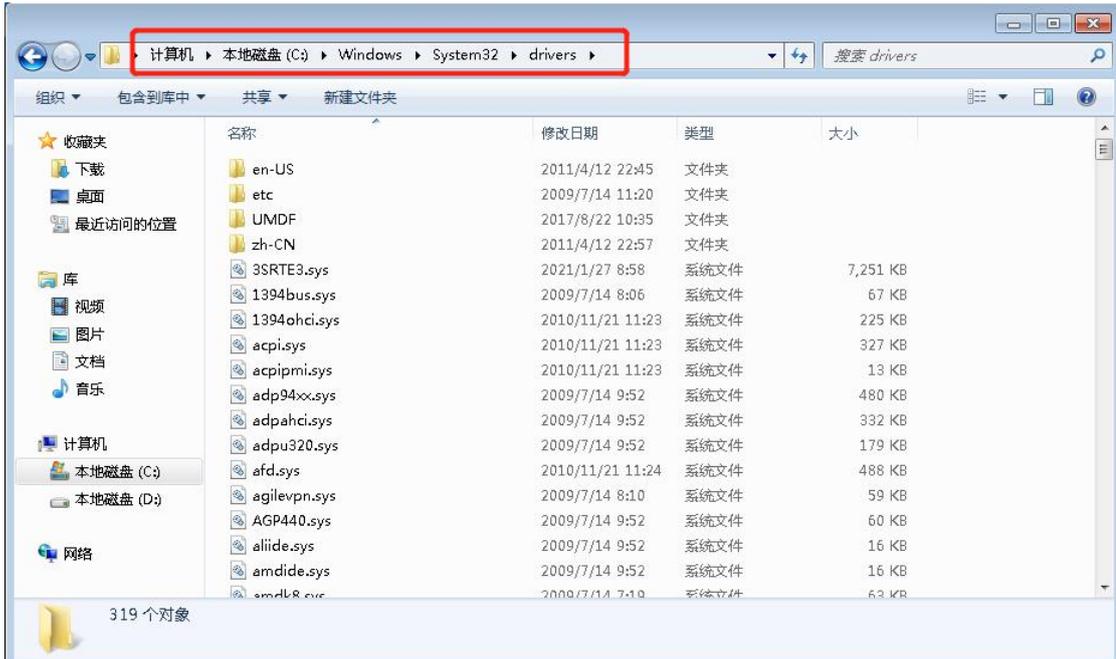
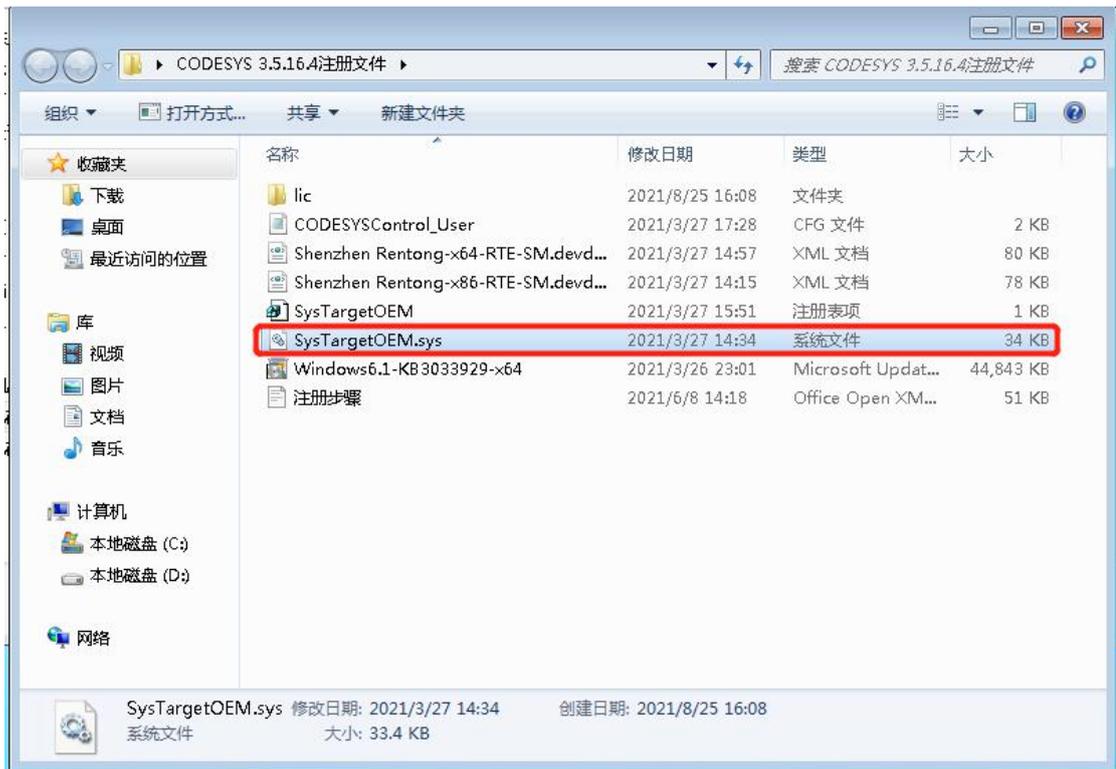
[CmpOPCUASStack]
;TraceLevel=0x28 ; Set the trace level. Select out of the following values. Add them to select multip]
;TraceEnabled=1 ;Enable tracing of OPC UA component. Select 0 to disable and 1 to enable tracing

[CmpCAASStorage]
Memsys5SizeInMB=16

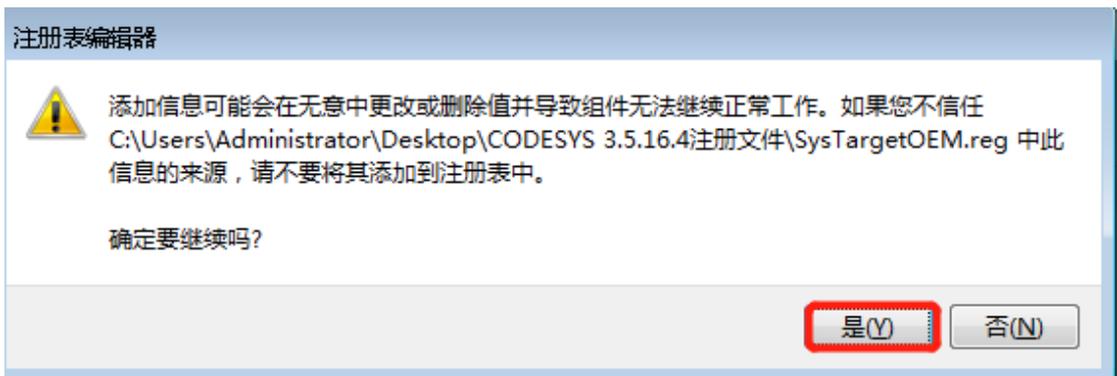
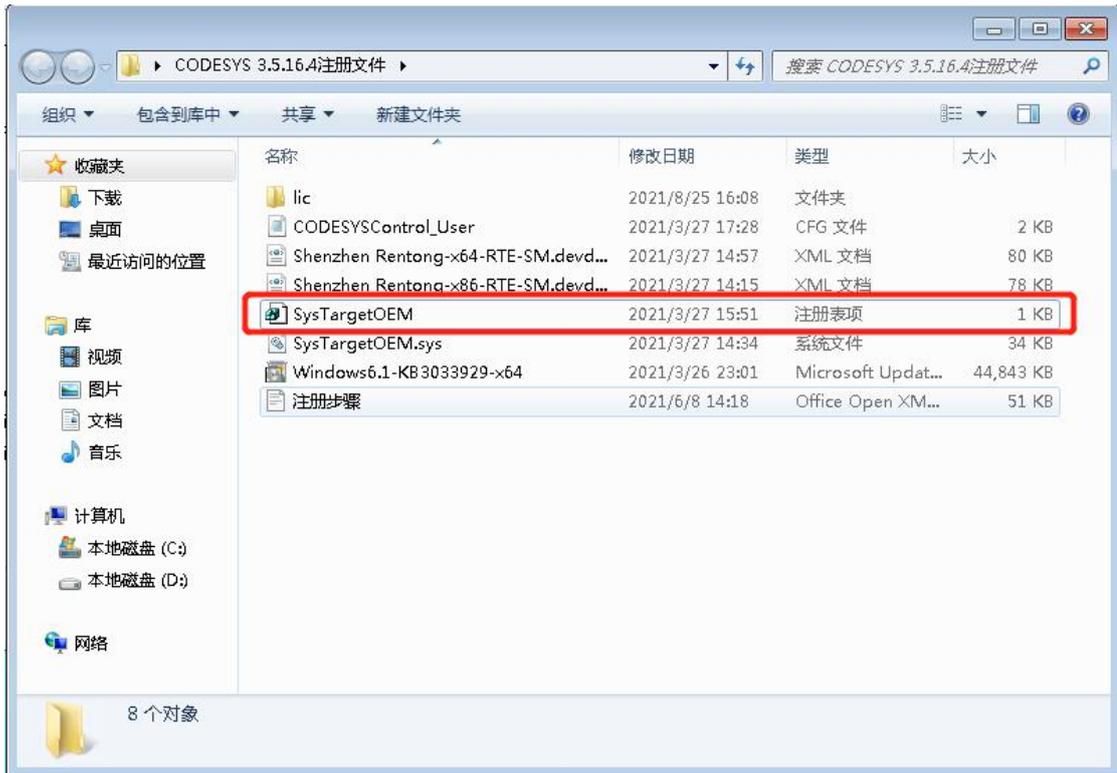
[SysProcess]

[CmpApp]
```

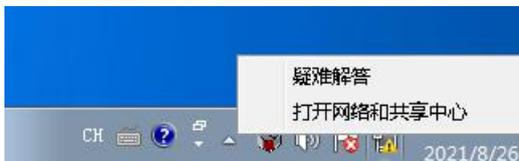
27. 打开注册文件夹 将其中的 `SysTargetOEM.sys` 文件复制到 `C:\Windows\System32\drivers` 路径下



28. 双击注册文件夹中的 SysTargetOEM 注册表项 弹出以下选项框 选择“是”



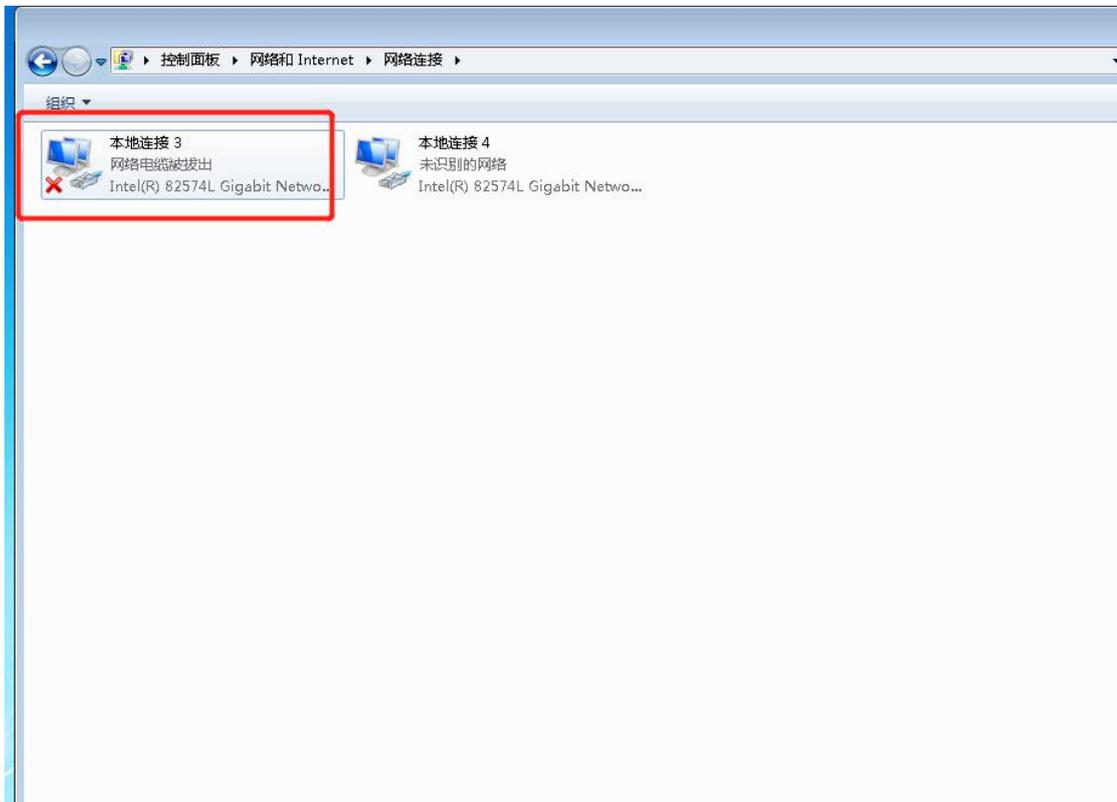
29. 右键桌面右下角网络图标 选择“打开网络和共享中心”



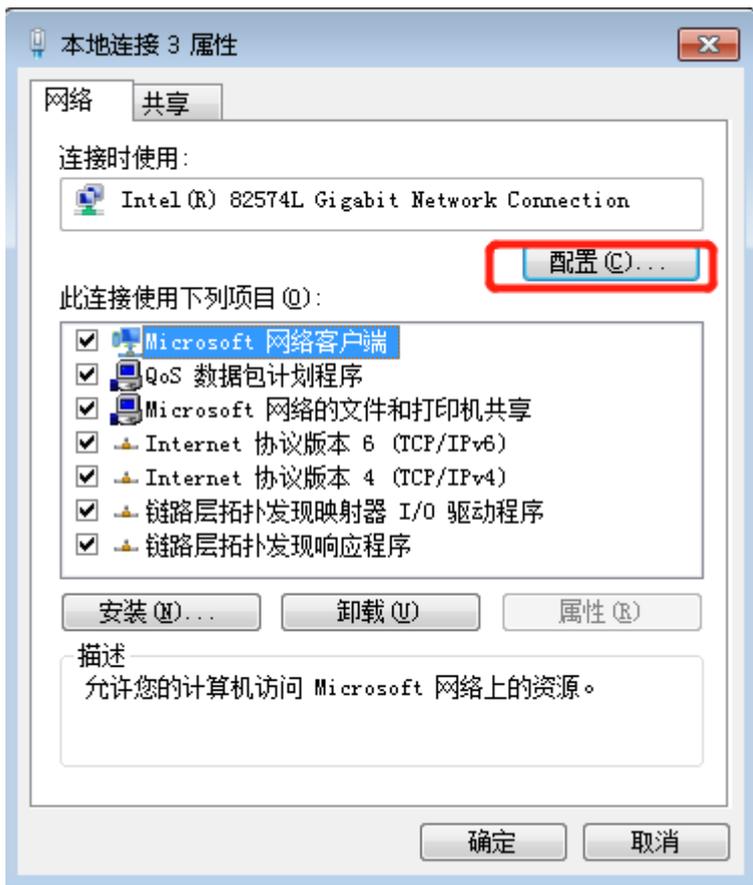
30. 点击“更改适配器设置”



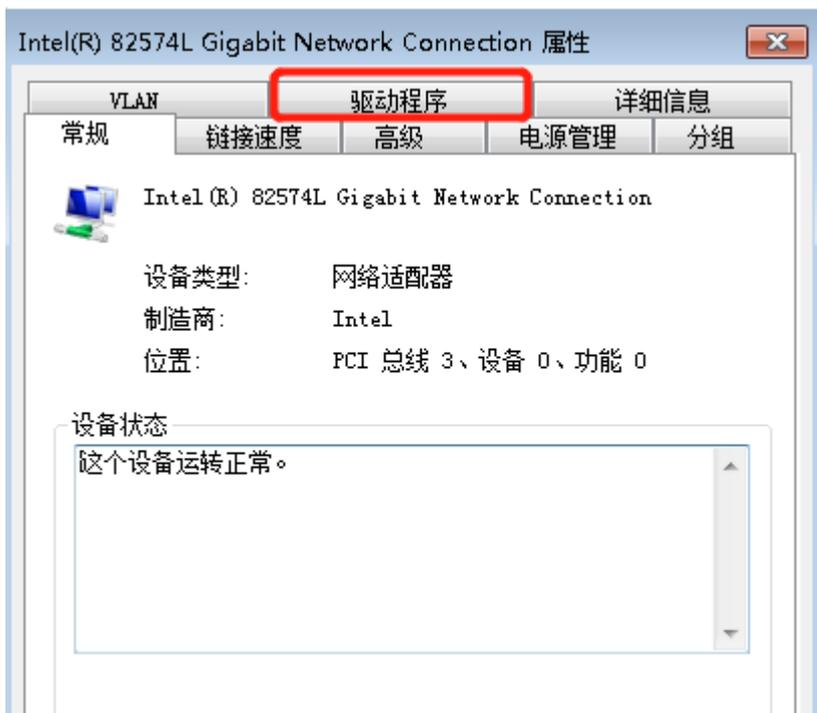
31. 双击连接到伺服设备的网口



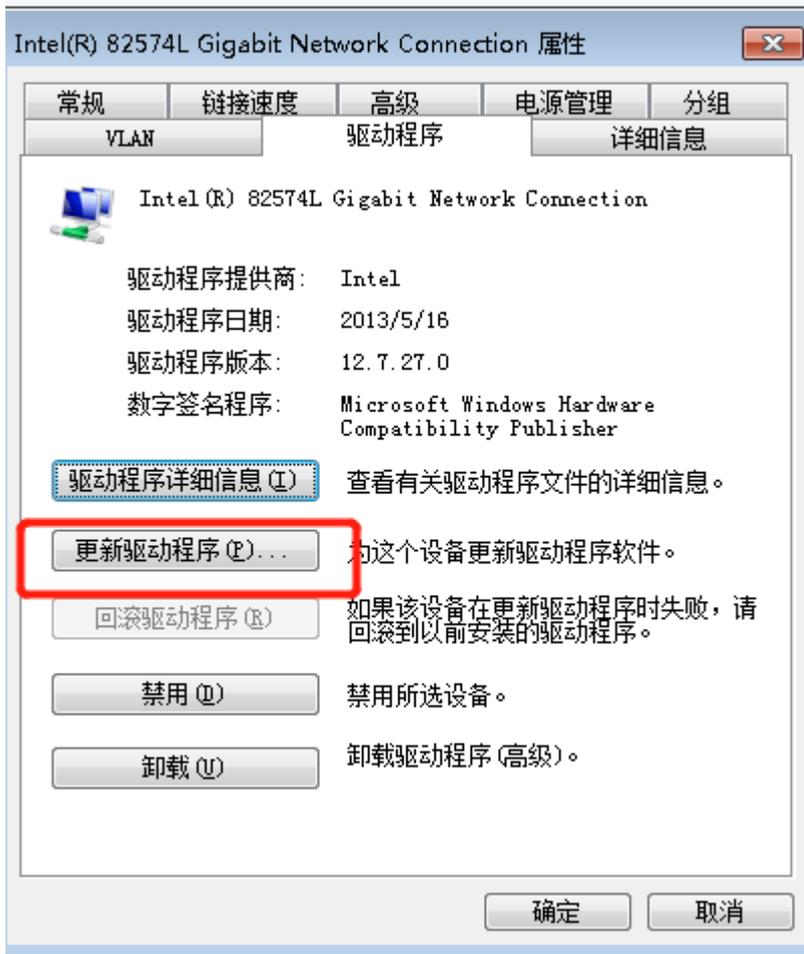
32. 点击“配置”



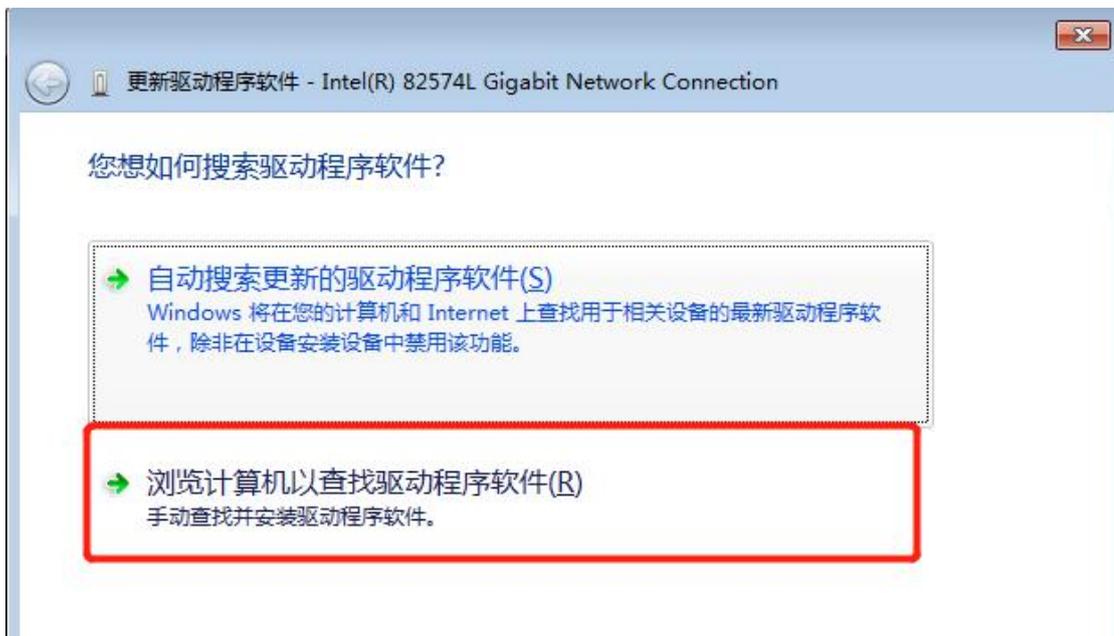
33. 点击“驱动程序”



34. 选择“更新驱动程序”



35. 选择“浏览计算机以查找驱动程序软件”



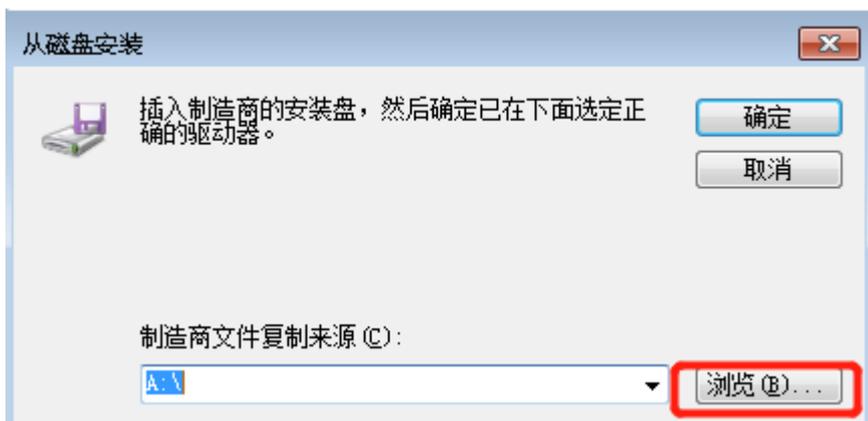
36. 选择“从计算机的设备驱动程序列表中选择”



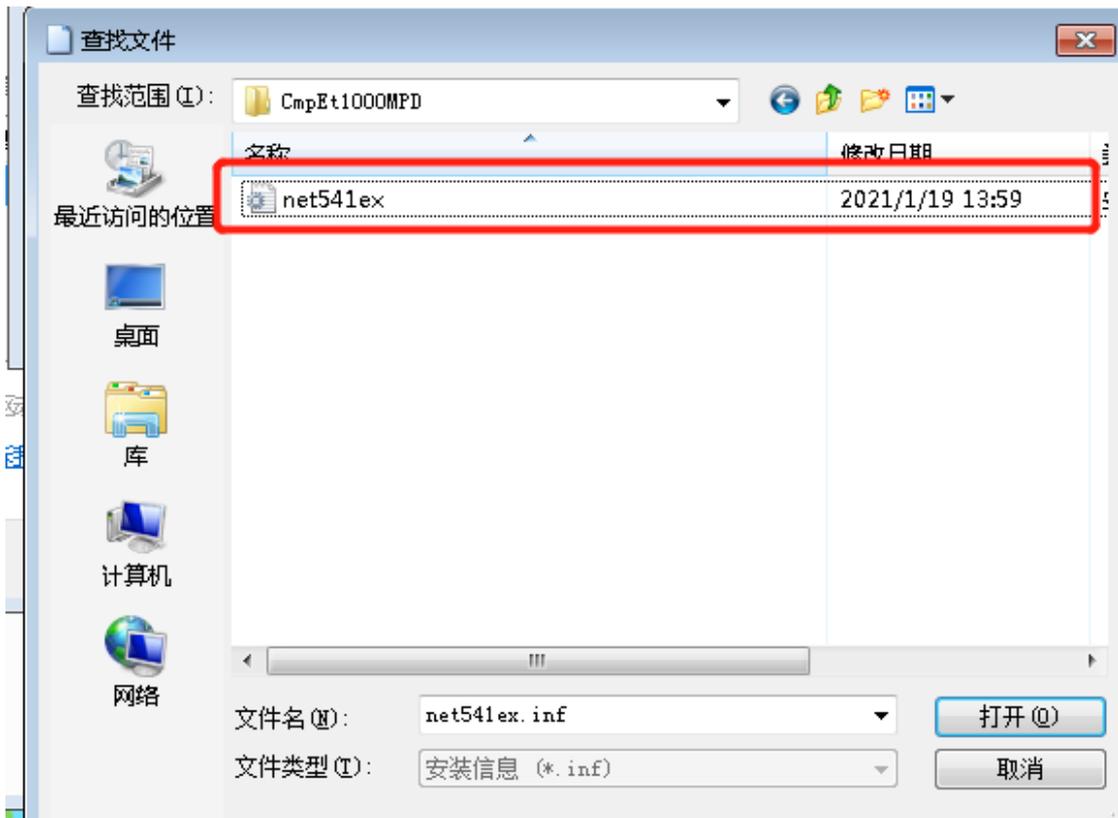
37. 点击“从磁盘安装”



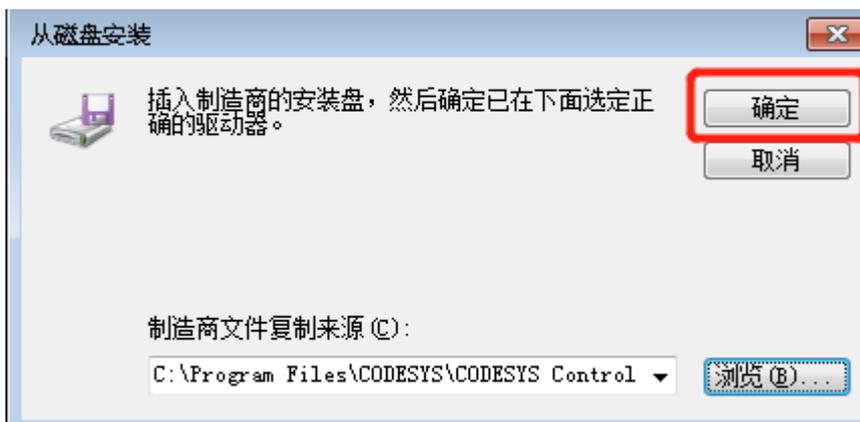
38. 点击“浏览”



39. 选择以下路径 “C:\Program Files\CODESYS\CODESYS Control RTE3\CmpEt1000MPD” 中的 net541ex 文件



40. 点击“确定”



41. 点击“CoDeSys EtherExpress Gbit PCI Ethernet Adapter” 然后进行下一步



42. 安装成功



43. 网口状态如下



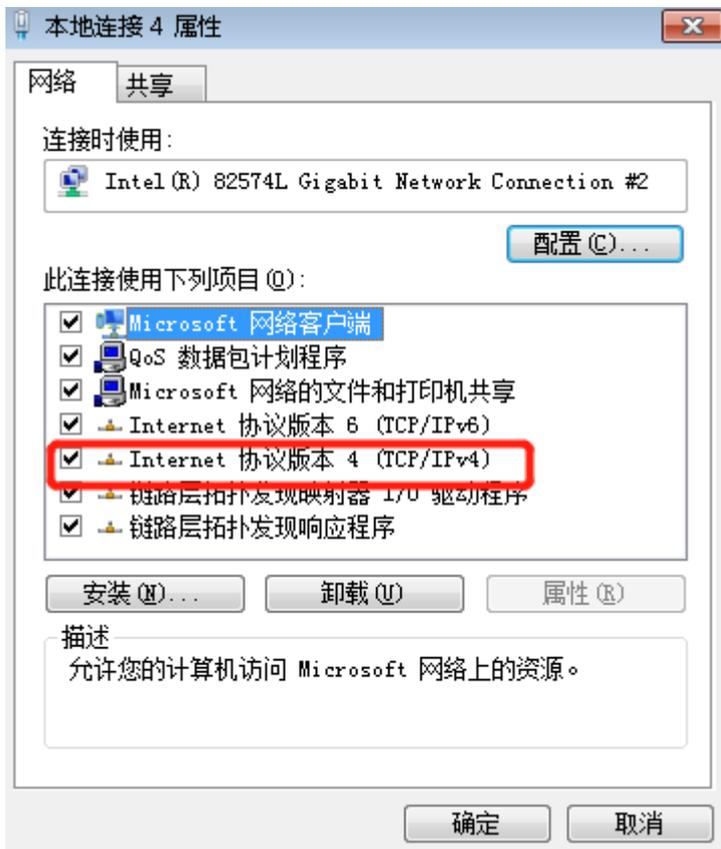
44. 选择用于个人电脑和工控机之间传输程序的网口



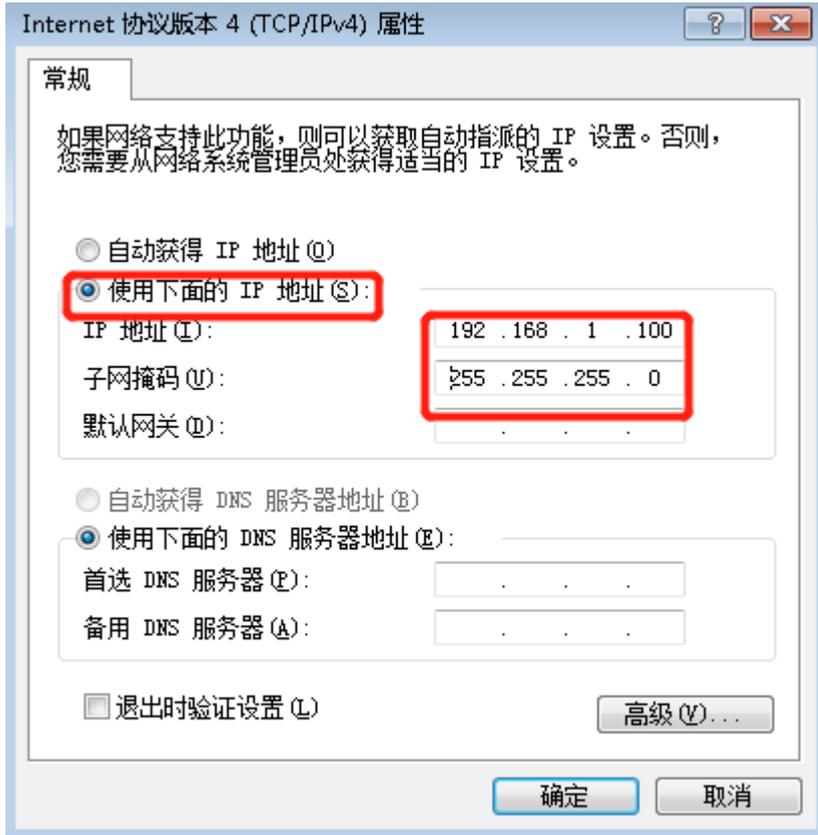
45. 点击“属性”



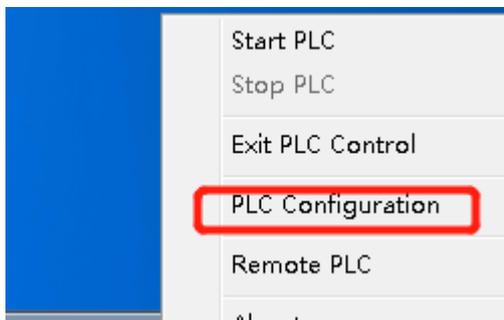
46. 点击“Internet 协议版本 4 (TCP/IPv4)”



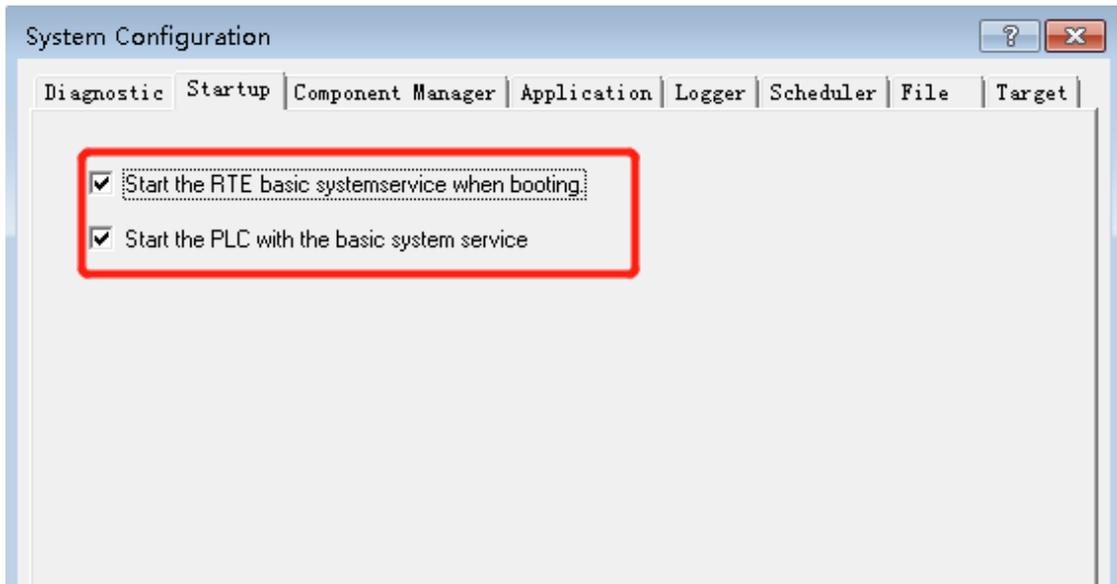
47. 勾选“使用下面的 IP 地址”并将 IP 地址设置如下 确定



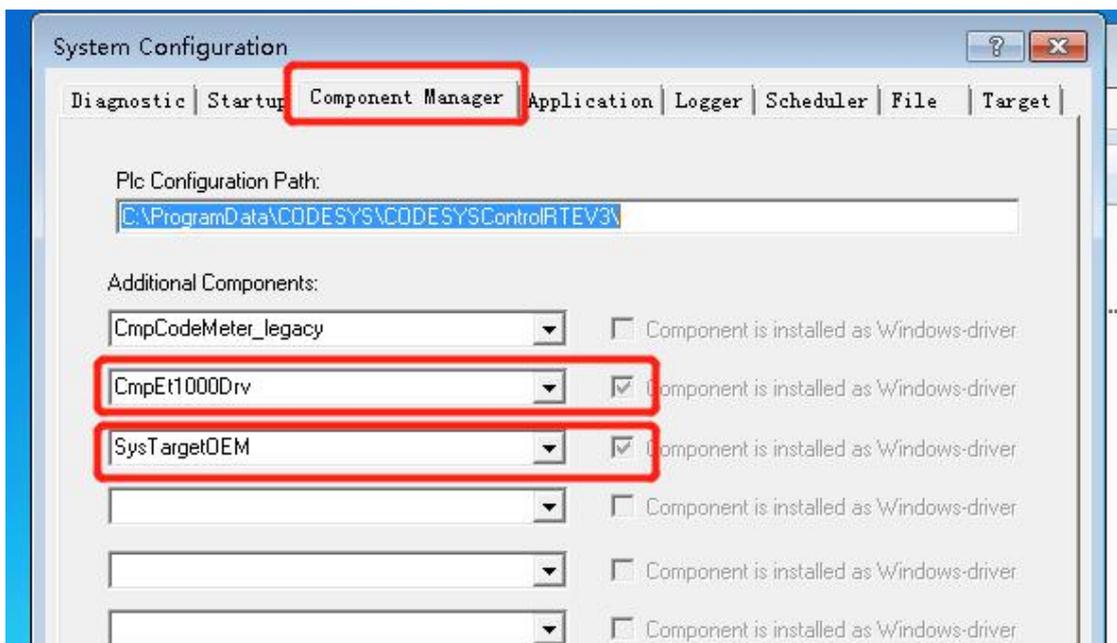
48. 点击桌面左下角 RTE 图标 选择“PLC Configuration”



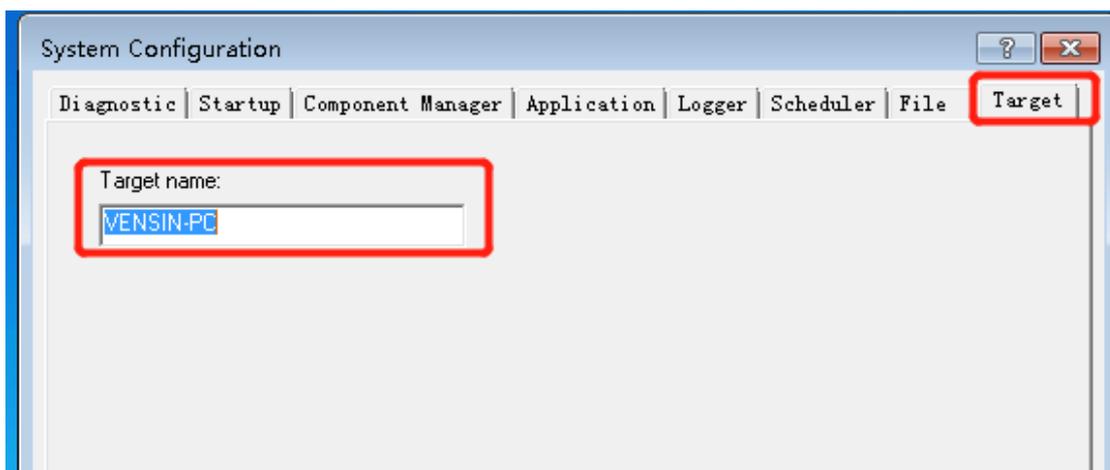
49. 点击“StartUp” 将两项自启动勾选



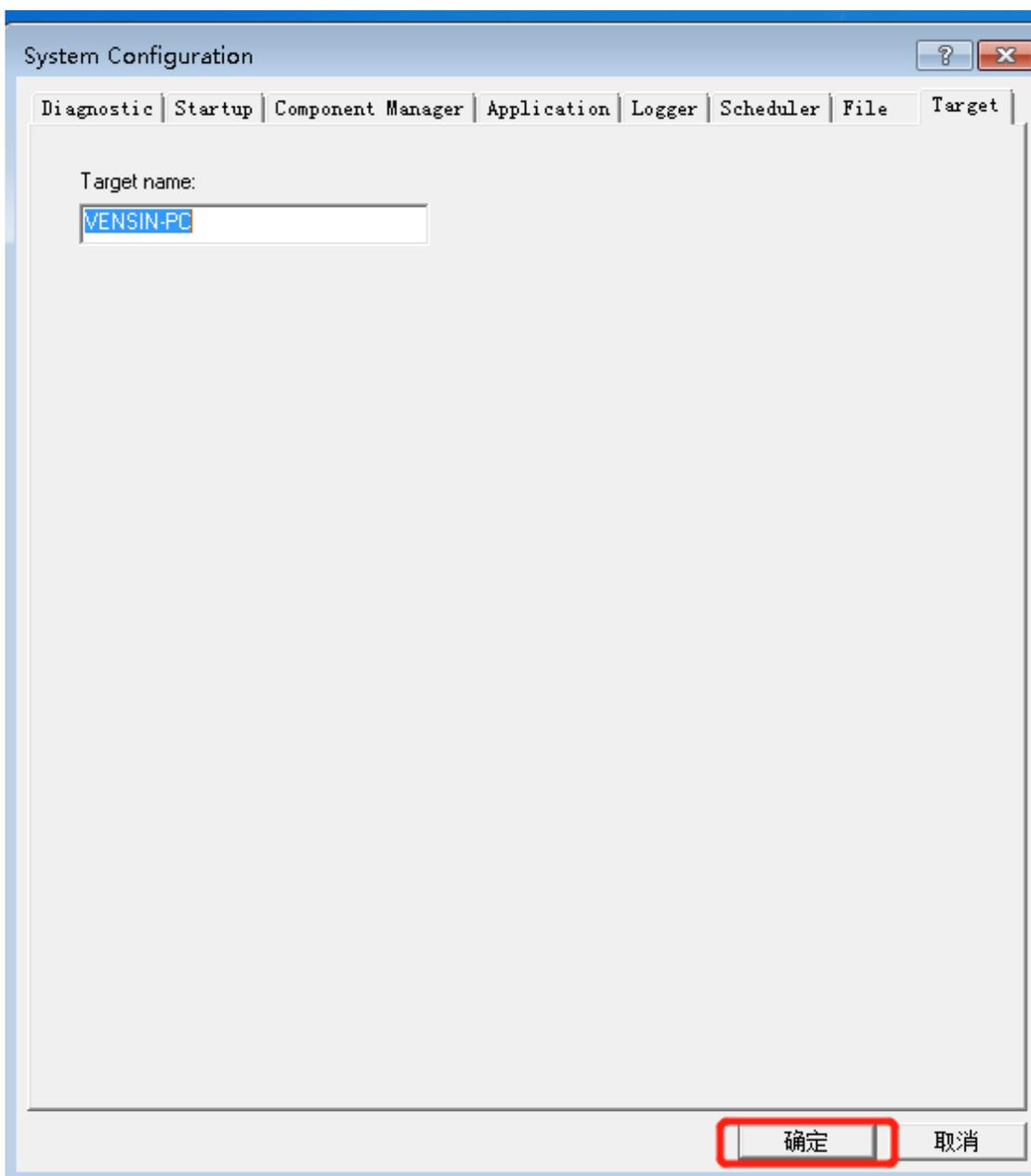
50. 点击“Component Manager” 观察附加组件下是否有框选的两项文件 以及后面是否已自动勾选



51. 点击“Target” 可自行更改所连 RTE 设备名称



52. 点击“确定” 安装完成



53. 安装完成后将工控机重启 看桌面右下角 RTE 图标是否会自启动成运行状态

