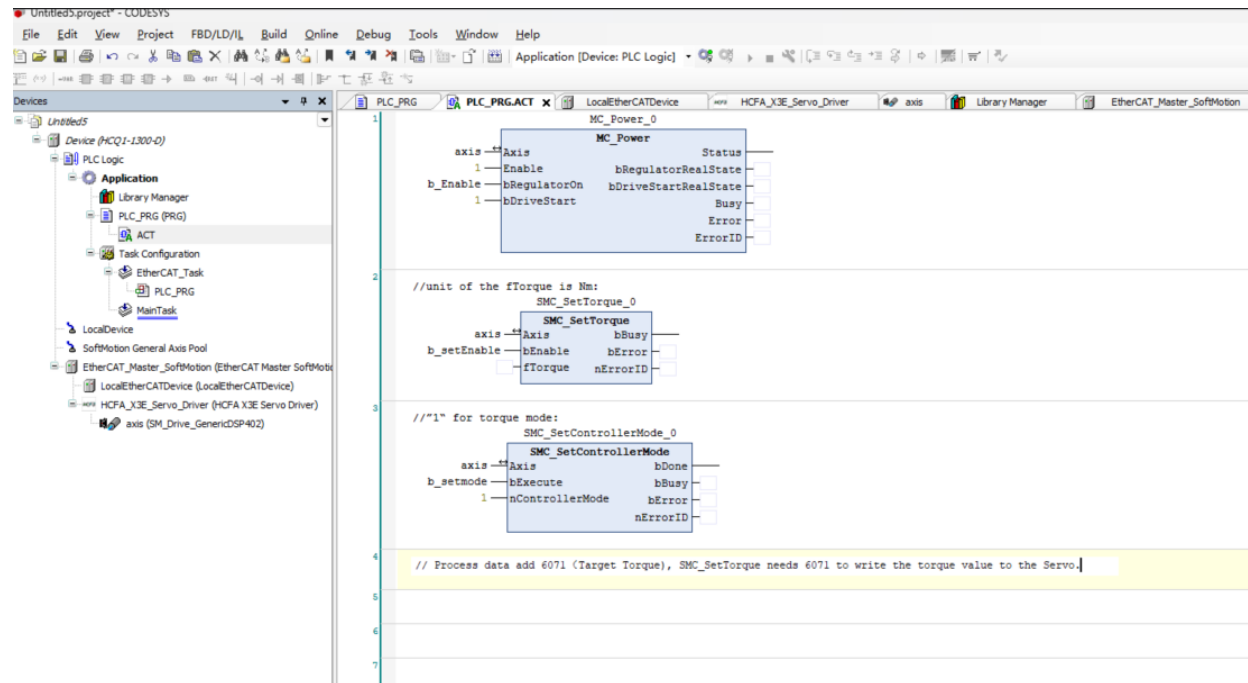


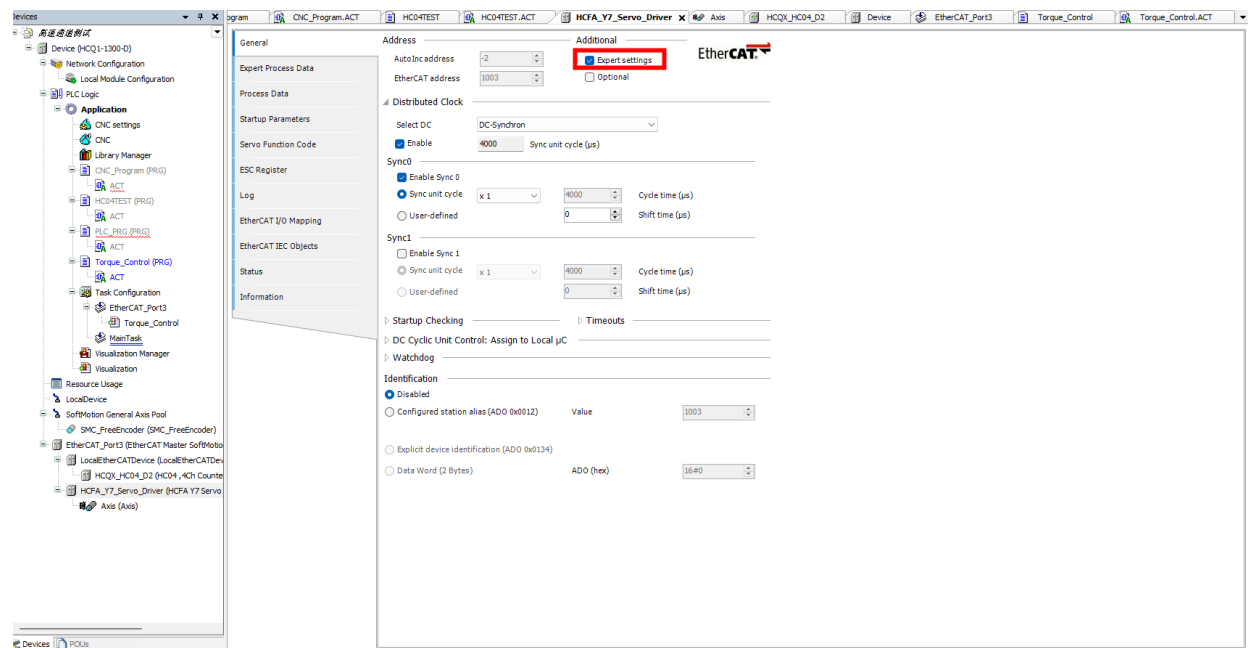
Torque mode setting

Function blocks that need to be prepared:

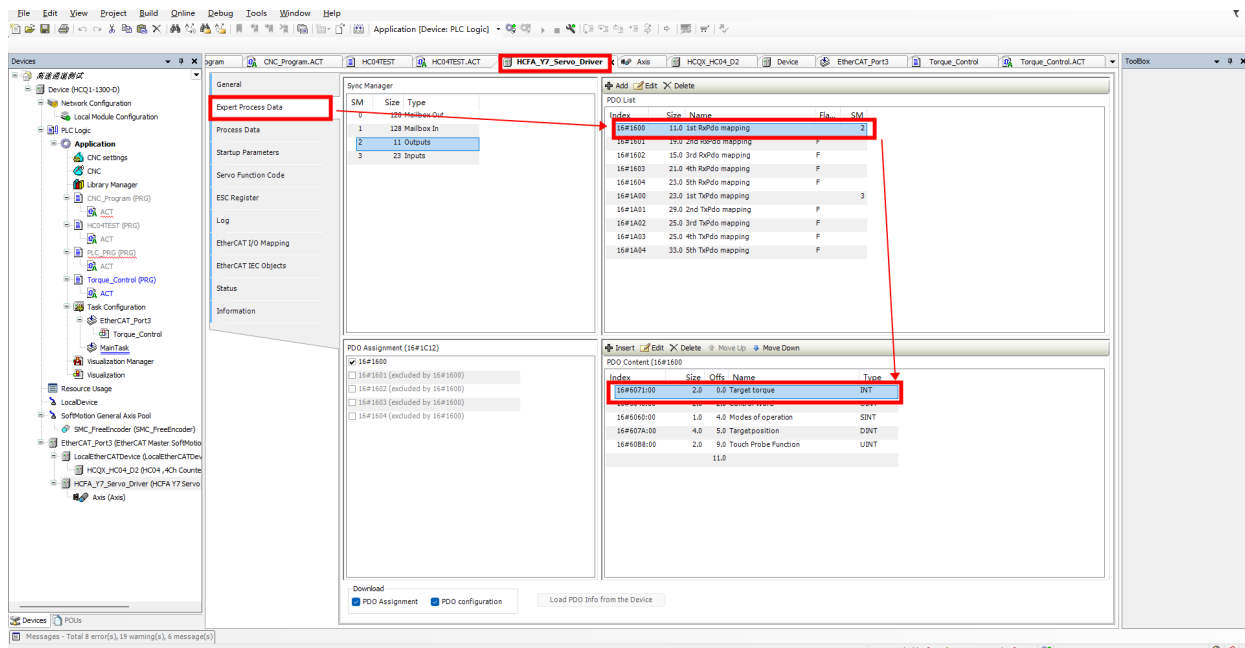


PDO setting part:

1.Choose the Expert settings

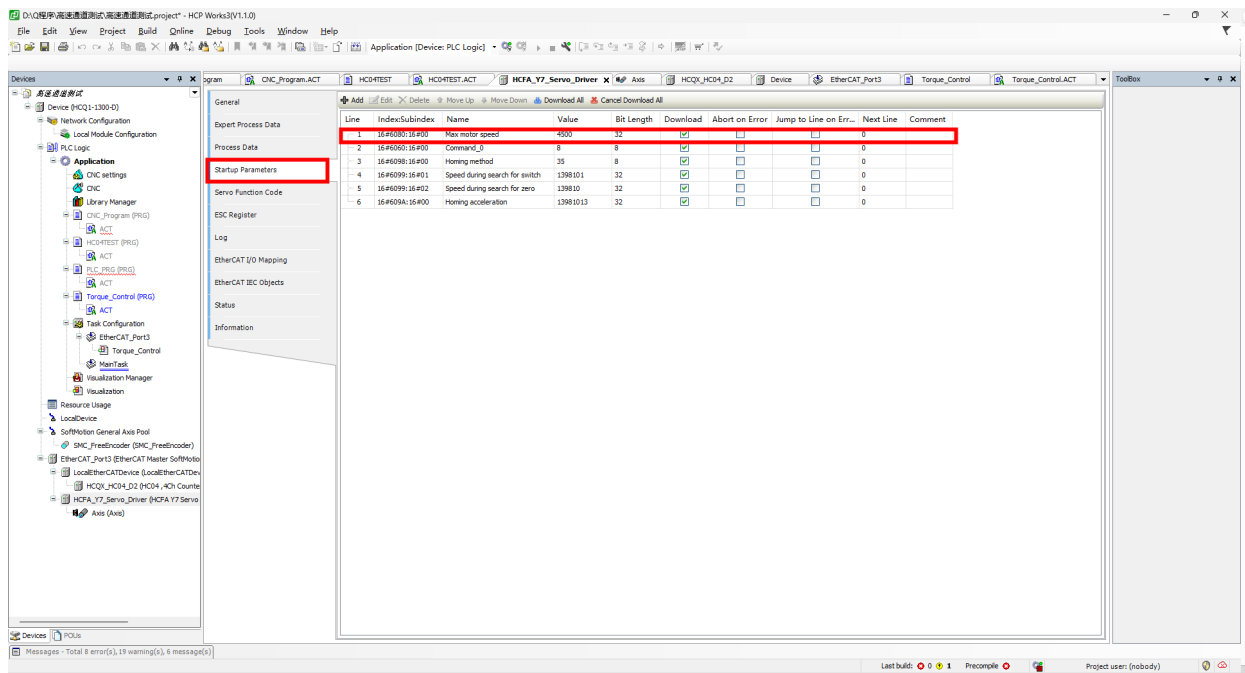


2.ADD 6071 target speed



3.Startup Parameters

ADD 6080(max motor speed) at Startup Parameters to limit the motor speed, unit is RPM



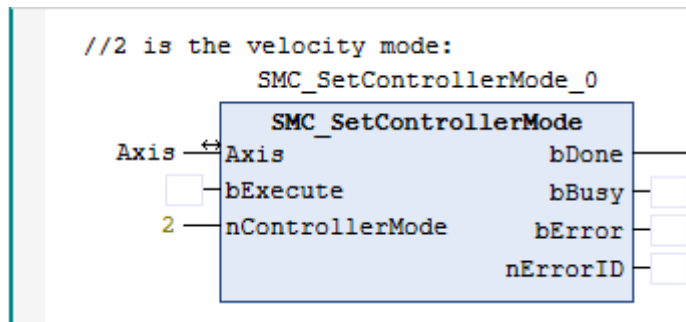
Note:

If you are using the torque mode, you need to set the input pin fTorque of SMC_SetTorque to 0;

MC_Stop and MC_Halt will not be able to control the axis in torque mode.

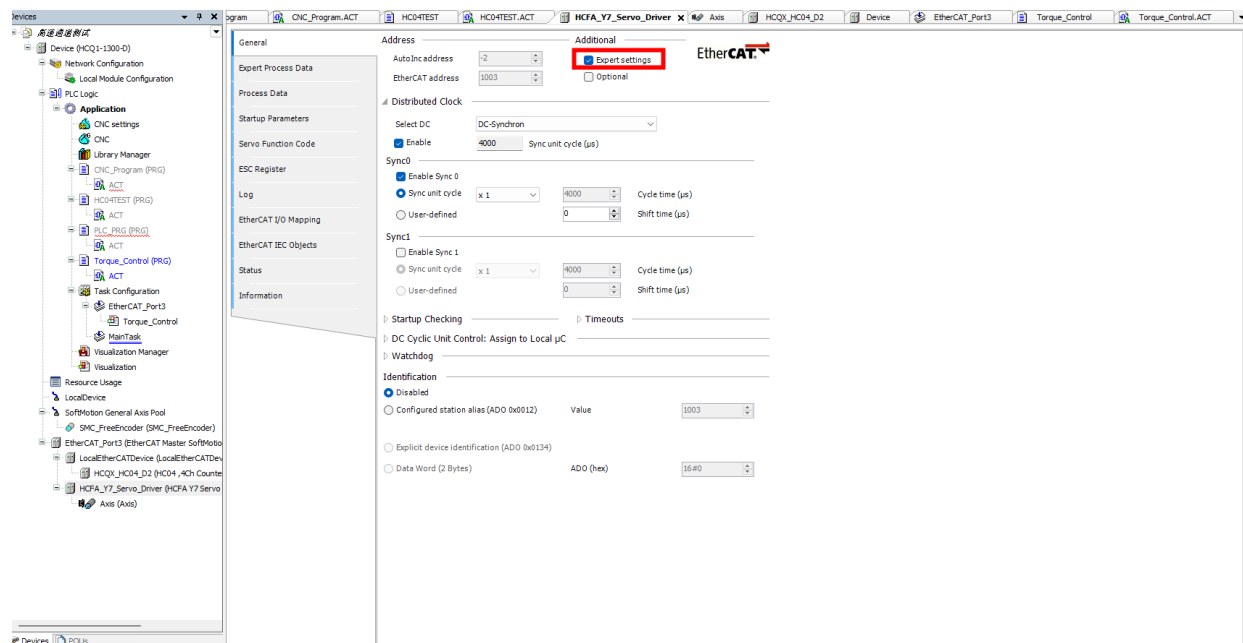
Speed mode setting

Function blocks that need to be prepared:



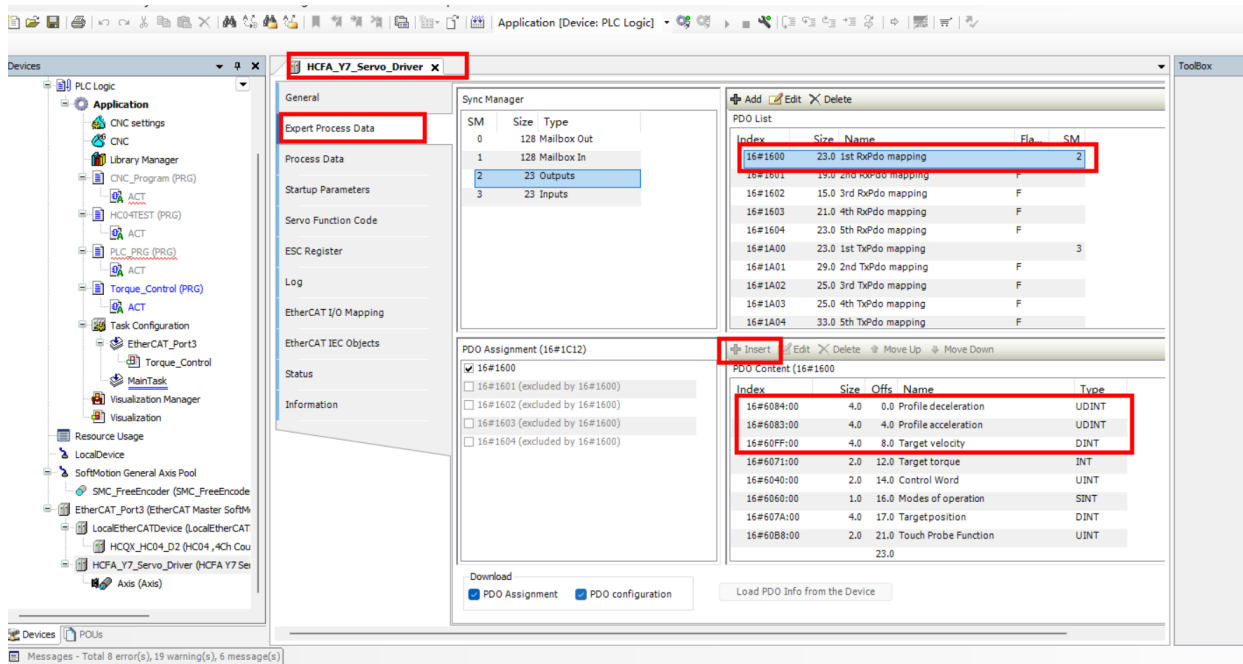
PDO setting part:

1.Choose the Expert settings



2.PDO setting part

1. 60FF: Target Velocity
2. 6083: Profile acceleration
3. 6084: Profile deceleration

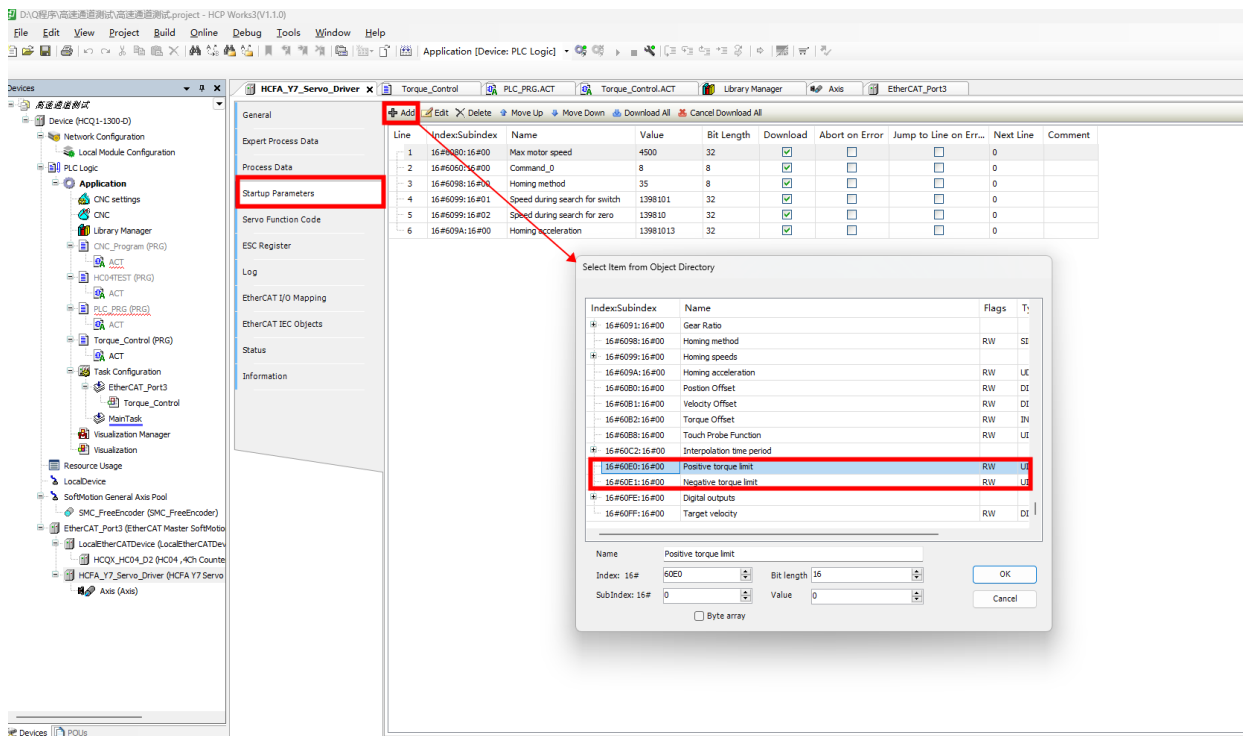


3.Startup Parameters

Add 60E0(Positive torque limit) & 60E1(Negative torque limit)

Unit: 0.1%. Default value : 8000,

If the torque needs to be limited, add 60E0/60E1 at Startup parameters.



Note: For FB could be used under the CSV mode, please refer to the Q series Motion control manual.