Feb 2nd (Friday). HL, SK.
Meeting on 485 Testing.

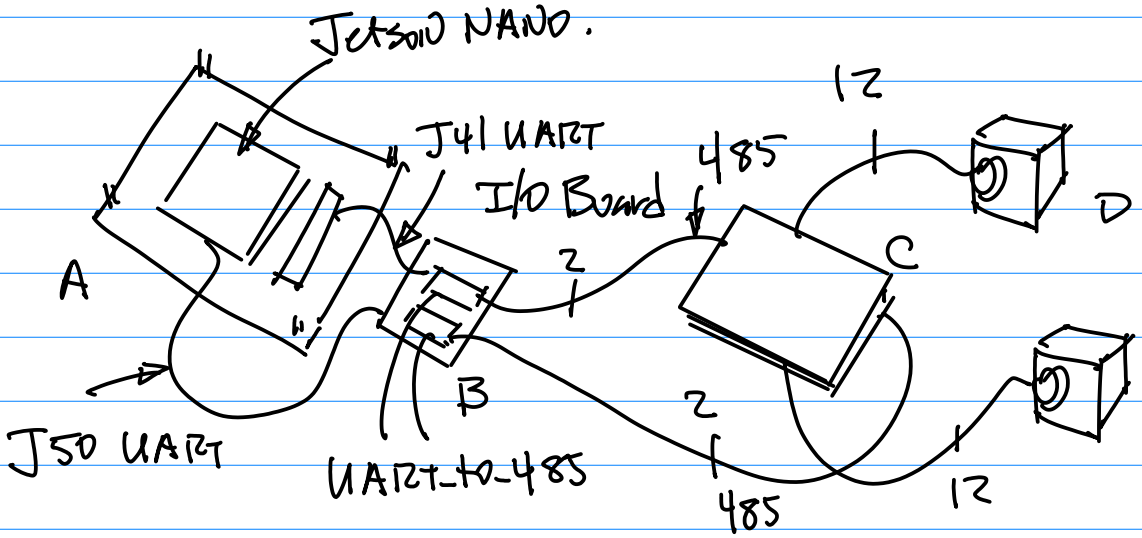
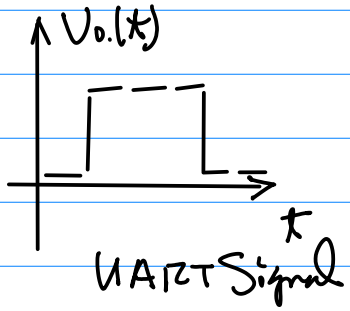
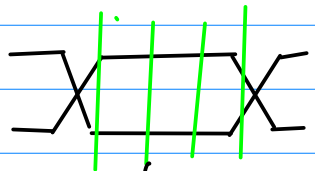


Fig. 1.

Tests Between A and B.
Note: UART (J41, J50) Tests.
Then, 485 Conversion from the UART.





@ the Output of B.

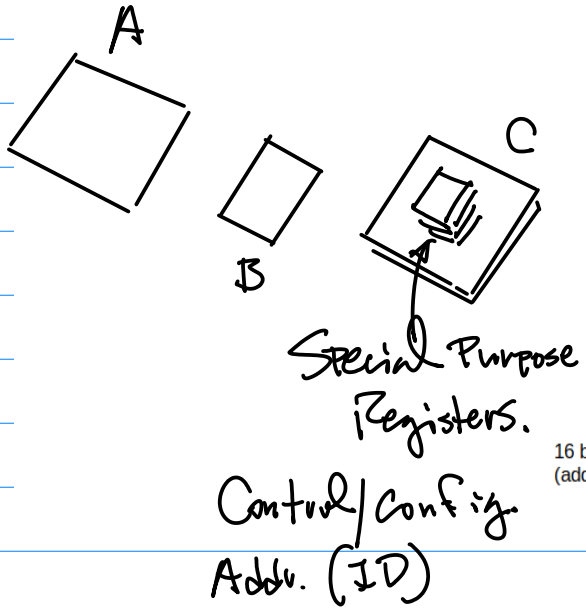
Fig. 2.

Assume 485 Conversion works.
then, Connect the 485 Cable to the Motor Controller, C.

CAN Bus Protocol
Sample code for the testing Based on the CAN protocol.

Sample Control for the RS485 SZ Motor Controller (7/6-6/30,2023)

Create A Simple Test Case



Example: For language translation on line: DeepL, yy

另外请提供一个用于贵公司驱动器的软件源程序样本，实现（1）初始设置；（2）转动左轮5秒，然后转动右轮5秒；（3）然后反向转动左轮5秒，再反向转动右轮5秒钟。

HL: 2023-6-30: Please also provide a sample software source program for your drive that implements (1) the initial setup, (2) turning the left wheel for 5 seconds, then turning the right wheel for 5 seconds, and (3) then reversing the left wheel for 5 seconds, then reversing the right wheel for 5 seconds.

01 06 20 0D 00 03 53 C8
01 06 20 0E 00 08 E2 0F
01 10 20 88 00 02 04 00 0A 00 0A C3 AD (set left motor and right motor target speed to 10RPM in positive direction)
+set 5s delay time in keil
01 10 20 88 00 02 04 FF F6 FF F6 72 38(set left motor and right motor target speed to 10RPM in negative direction)
+set 5s delay time in keil

01 06 20 0D 00 03 53 C8

Note: the syntax of the command (1) address of the register (1 byte); (2) the content going into the register (1 byte)

Drive address: 01
Function code: 06
Control mode/ velocity profile 20 0D (2 bytes addr)
??? the content: 00 03 (per table 3.1) (content)

Ref1, pp. 5

Flow: 1st command, select function mode (enable) >> 2nd command, control word to enable with E2 0F for CRC (3) write mul byte function > 20 88 start address, 00 02 (2 regs), 04 (no. of bytes to be written) 00 0A

16 bit Register (address)

High byte	Low byte

Use Datasheet to generate Code to control the motor.
See example ON the Next Slide of the PPT.