CNC4PC

Integration Solutions for CNC Projects

USER'S MANUAL

C34AD BOARD
Rev. 1

SEPTEMBER, 2015

USER'S MANUAL

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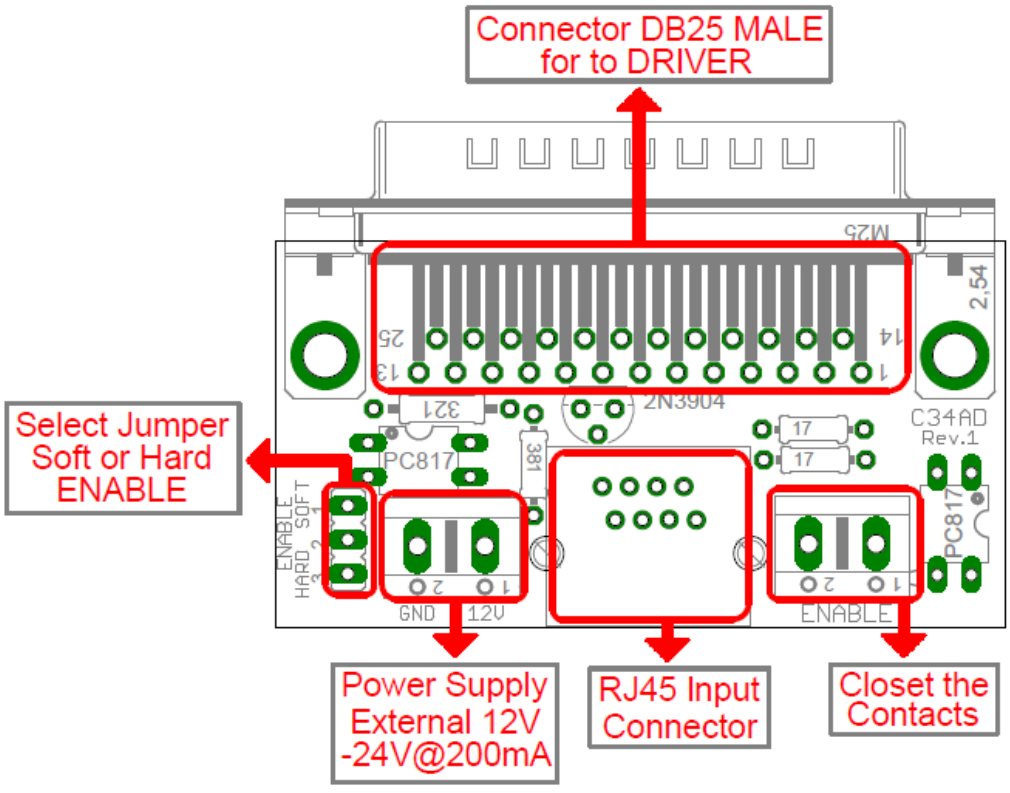
1.0 OVERVIEW

This interfaces board is used for the connection between C35S, C32, C32S or C62 and the AASD AC SERVO DRIVE.

2.0 FEATURES

- DB25 connector for Connection of Driver.
- Select Jumper for Hard Enable or Soft Enable.
- Terminals for external drive enable push button.
- Connector DB25 MALE for to DRIVER.
- Terminal for connect a power supply 12-24V.

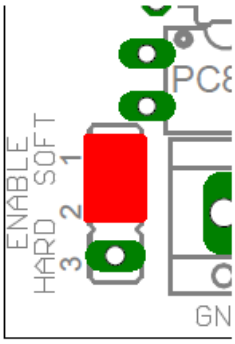
3.0 BOARD DESCRIPTION



4.0 JUMPER TO SELECT THE ENABLE

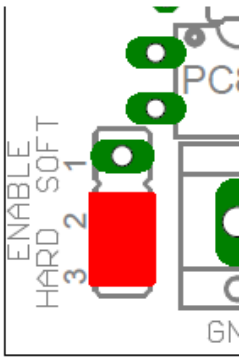
Use Software Enable to keep the driver active only while the system is active.
Set of jumper as shown in the image.

SOFT ENABLE



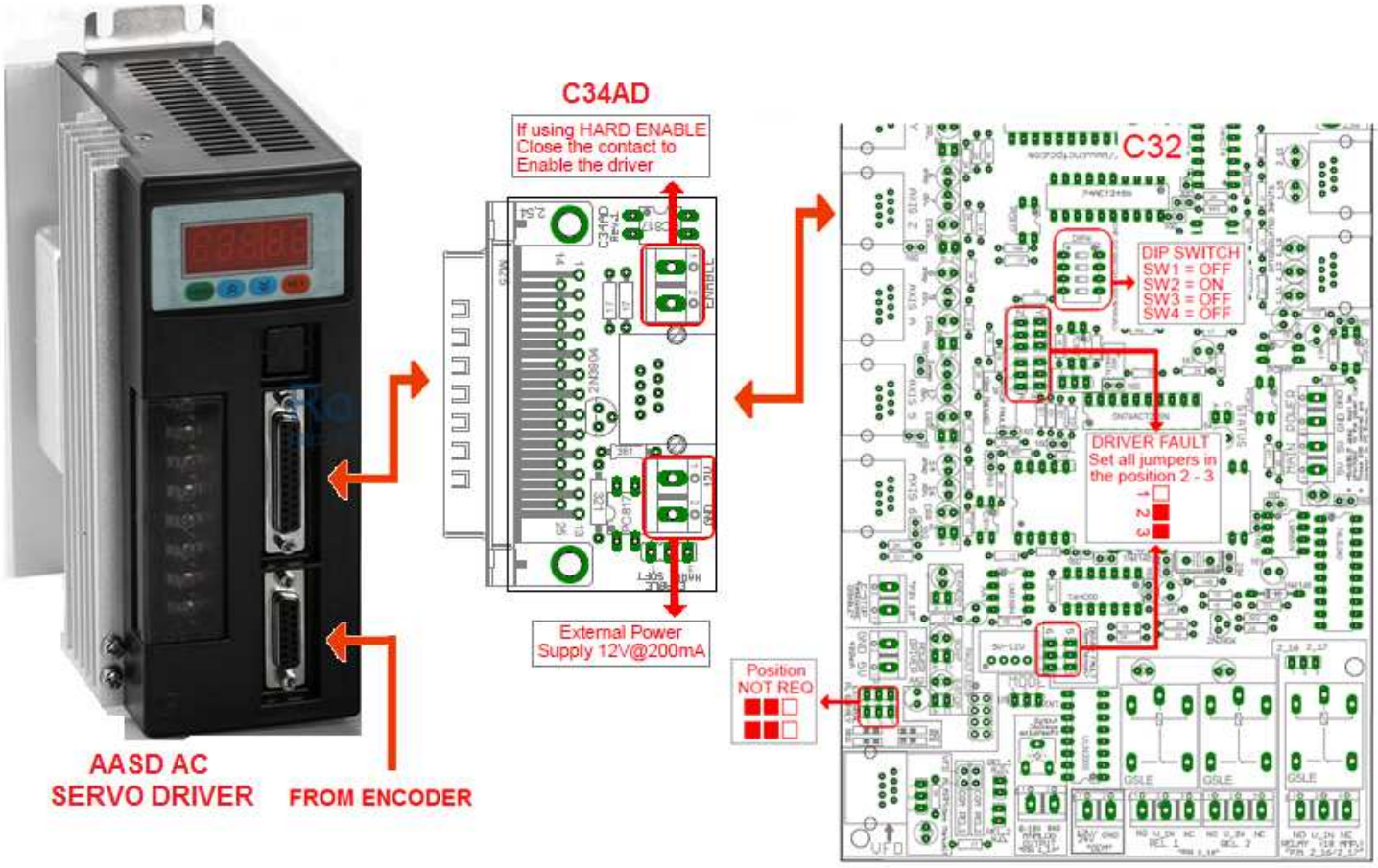
Use Hardware Enable to keep the driver enabled all the time.
Set of jumper as shown in the image.

HARD ENABLE



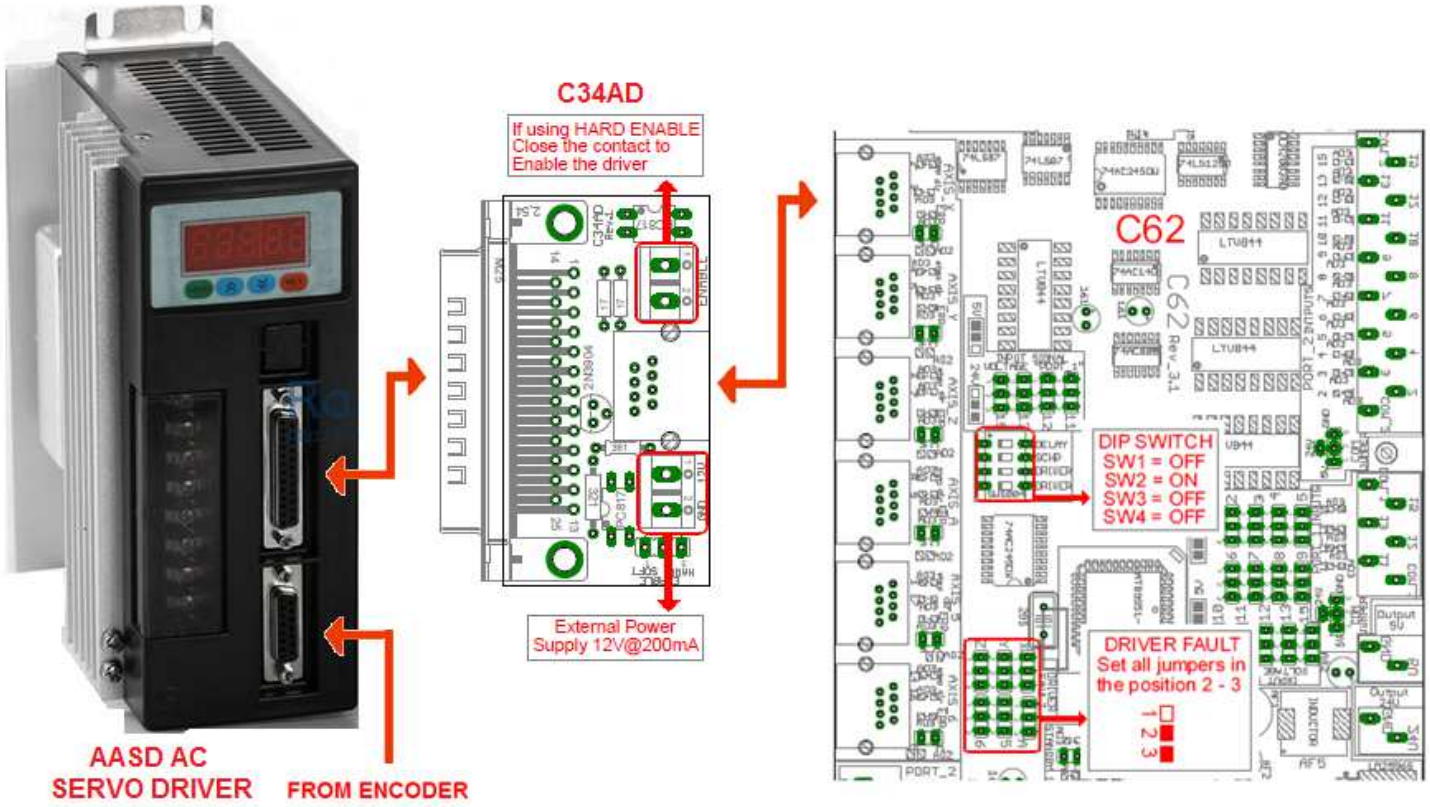
5.0 WIRING SAMPLE

5.1 Wiring for C32



Note: This wiring is just to illustrate a sample product application. Specific wiring may vary from system to system. It is the user's responsibility to implement it correctly.

5.2 Wiring for C62

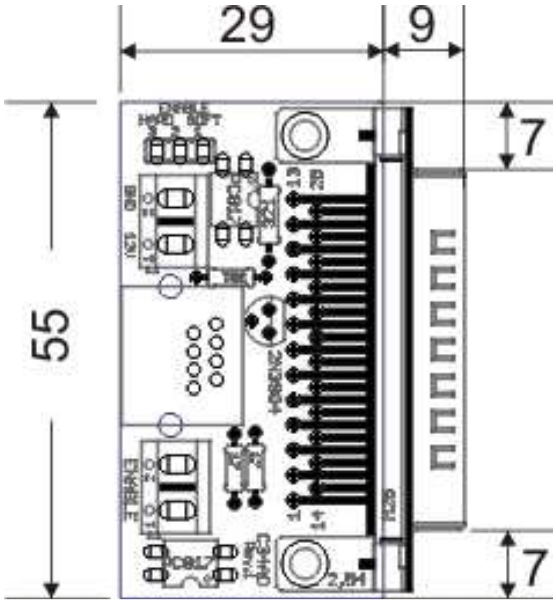


Note: This wiring is just to illustrate a sample product application. Specific wiring may vary from system to system. It is the user's responsibility to implement it correctly.

6.0 PINOUT

ASSD AC SERVO DRIVE AND C34AD - CONNECTION			
DB25 PIN	**FUNCTION**	**RJ45 PIN**	**TERMINAL PIN**
23	ALARM	Internally routed	NOT USED
9	12-24VDC FROM DRIVE	Internally routed	1
10	COM-	Internally routed	2
6	SERVO ON	5	NOT USED
14	DIR-	4(GND)	NOT USED
4	DIR+	6	NOT USED
5	STEP-	4(GND)	NOT USED
3	STEP+	2	NOT USED

7.0 DIMENSION



All dimensions are in Millimeters.

DISCLAIMER

Use caution. CNC machines can be dangerous machines. Neither DUNCAN USA, LLC nor Arturo Duncan are liable for any accidents resulting from the improper use of these devices. This product is not a fail-safe device and it should not be used in life support systems or in other devices where its failure or possible erratic operation could cause property damage, bodily injury or loss of life.