



AOUT 0 and AOUT 1 are the Sensoray 826 board's analog output channels 0 and 1, corresponding to pins 42 and 44 on the J1 connector. These channels connect to +REF IN on the AMC servo amplifiers. The corresponding -REF IN lines are connected to GND from the J1 connector (e.g., pins 38 and 40).

encoderCh 0 and encoderCh 1 are the sets of inputs corresponding to counter channels 0 and 1. For this application, each is configured as an incremental encoder (see instruction manual for details). All lines are connected: ground GND, +5V power, differential clock A lines +A and -A, differential clock B lines +B and -B, and differential IX lines +I and -I. Appropriately sized capacitors can be positioned across differential inputs for noise rejection.