



This is a filter that was made to remove noise from the encoder lines for a Gecko drive G3X0 drive. It should also work in other single ended encoder implementations. It is based on using a 74HC04 hex inverter chip to provide the filtering. Connect pins 1 3 5 together. Then pins 2 4 6 , this is for one encoder line. Next connect pins 13 11 9. Then pin pins 12 10 8 for the other encoder line. IN is from encoder and OUT is to driver. Do your wiring to an IC socket. View the picts to see how this is done. Place a cap.

across Vcc and ground (10 uf 16v).

