Note: Bits D0, D4 and D7 select the motor being controlled. 

Bits D4 and D7 are the outputs to the stepper motor. 

Bits D5, D4 and D1 select the motor being triggered. 

Bits D7, D6, D3 and D2 are the outputs to the stepper motor. 

Note: (bit D0) this bit must toggle because they trigger the 74HC240 latch.