



Normal operation P22 is low and therefore ENC is always low regardless of P8

Can only clock data in while outputs are HiZ  
 P22 H = outputs HiZ  
 ENC high only if P22 high and P8 high

- Group change sequence
- 1) P22 H
  - 2) P8 L
  - 3) Change P0-P7
  - 4) P8 H
  - 5) P8 L
  - 6) P22 L

Weak pullups so inputs to HC gates not floating when switch groups

