4-input switch
inputs
SW1
SW2
SW3
SW4
"00"
"01"
"10"
"11"
outputs

(a)

8-input switch
inputs
SW1
SW2
SW3
SW4
4-input switch
(details shown above)
4-input switch
(details shown above)
"000"
"001"
"010"
"011"
"100"
"101"
"110"
"111"
outputs

(b)