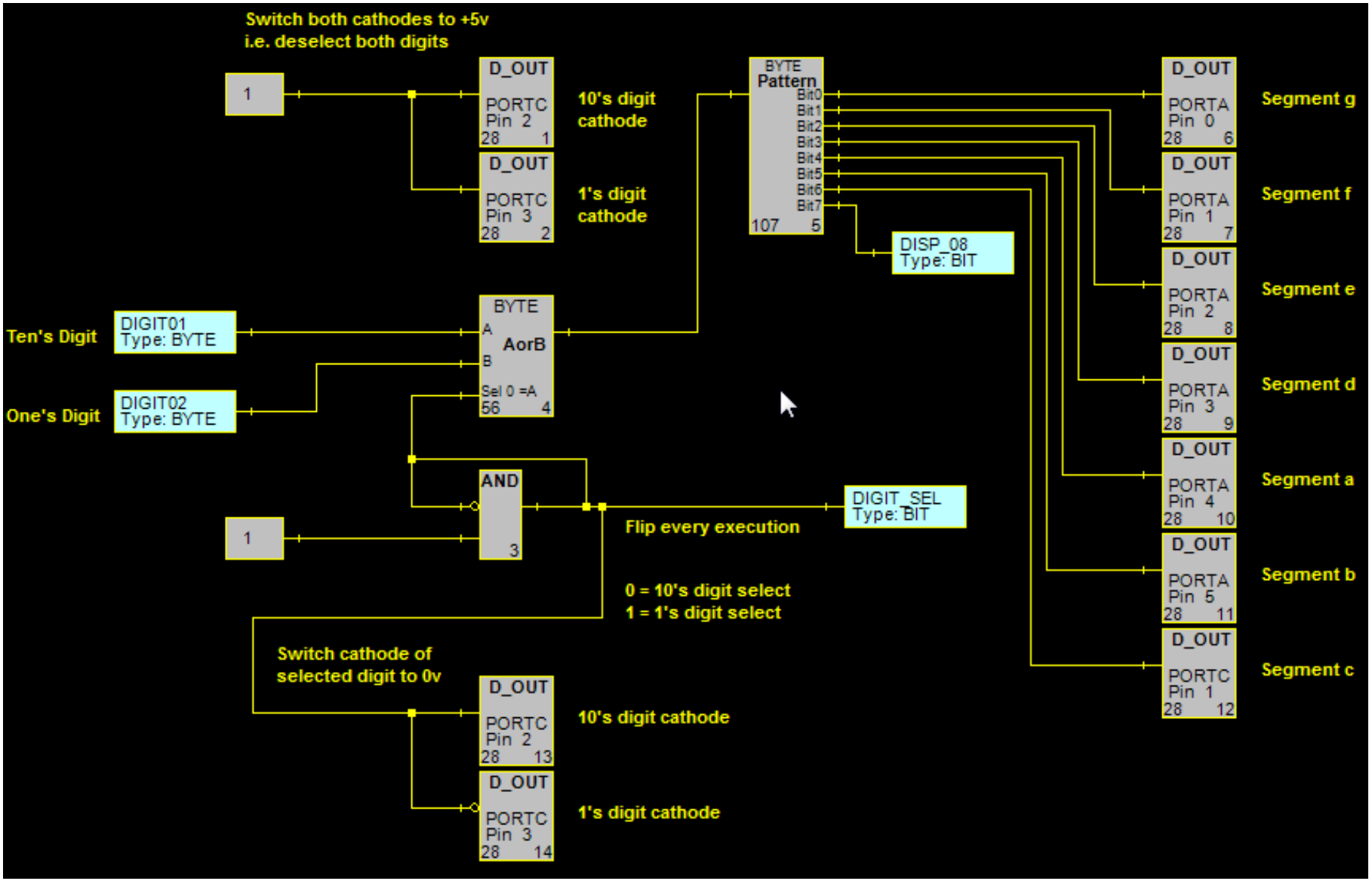
Switch both cathodes to +5v
i.e. deselect both digits
1
D_OUT
PORTC
Pin 2
28 1
10's digit
cathode
D_OUT
PORTC
Pin 3
28 2
1's digit
cathode
BYTE
Pattern
Bit0
Bit1
Bit2
Bit3
Bit4
Bit5
Bit6
Bit7
107 5
DISP_08
Type: BIT
D_OUT
PORTA
Pin 0
28 6
Segment g
D_OUT
PORTA
Pin 1
28 7
Segment f
D_OUT
PORTA
Pin 2
28 8
Segment e
D_OUT
PORTA
Pin 3
28 9
Segment d
D_OUT
PORTA
Pin 4
28 10
Segment a
D_OUT
PORTA
Pin 5
28 11
Segment b
D_OUT
PORTC
Pin 1
28 12
Segment c
Ten's Digit
DIGIT01
Type: BYTE
One's Digit
DIGIT02
Type: BYTE
BYTE
A
AorB
B
Sel 0 =A
56 4
AND
3
1
DIGIT_SEL
Type: BIT
Flip every execution
0 = 10's digit select
1 = 1's digit select
Switch cathode of
selected digit to 0v
D_OUT
PORTC
Pin 2
28 13
10's digit cathode
D_OUT
PORTC
Pin 3
28 14
1's digit cathode