

Table 4.1. Pin assignments for the slide switches

Signal Name	FPGA Pin No.	Description
SW[0]	PIN_J6	Slide Switch[0]
SW[1]	PIN_H5	Slide Switch[1]
SW[2]	PIN_H6	Slide Switch[2]
SW[3]	PIN_G4	Slide Switch[3]
SW[4]	PIN_G5	Slide Switch[4]
SW[5]	PIN_J7	Slide Switch[5]
SW[6]	PIN_H7	Slide Switch[6]
SW[7]	PIN_E3	Slide Switch[7]
SW[8]	PIN_E4	Slide Switch[8]
SW[9]	PIN_D2	Slide Switch[9]

Table 4.2. Pin assignments for the pushbutton switches

Signal Name	FPGA Pin No.	Description
BUTTON [0]	PIN_H2	Pushbutton[0]
BUTTON [1]	PIN_G3	Pushbutton[1]
BUTTON [2]	PIN_F1	Pushbutton[2]

Table 4.3. Pin assignments for the LEDs

Signal Name	FPGA Pin No.	Description
LEDG[0]	PIN_J1	LED Green[0]
LEDG[1]	PIN_J2	LED Green[1]
LEDG[2]	PIN_J3	LED Green[2]
LEDG[3]	PIN_H1	LED Green[3]
LEDG[4]	PIN_F2	LED Green[4]
LEDG[5]	PIN_E1	LED Green[5]
LEDG[6]	PIN_C1	LED Green[6]
LEDG[7]	PIN_C2	LED Green[7]
LEDG[8]	PIN_B2	LED Green[8]
LEDG[9]	PIN_B1	LED Green[9]

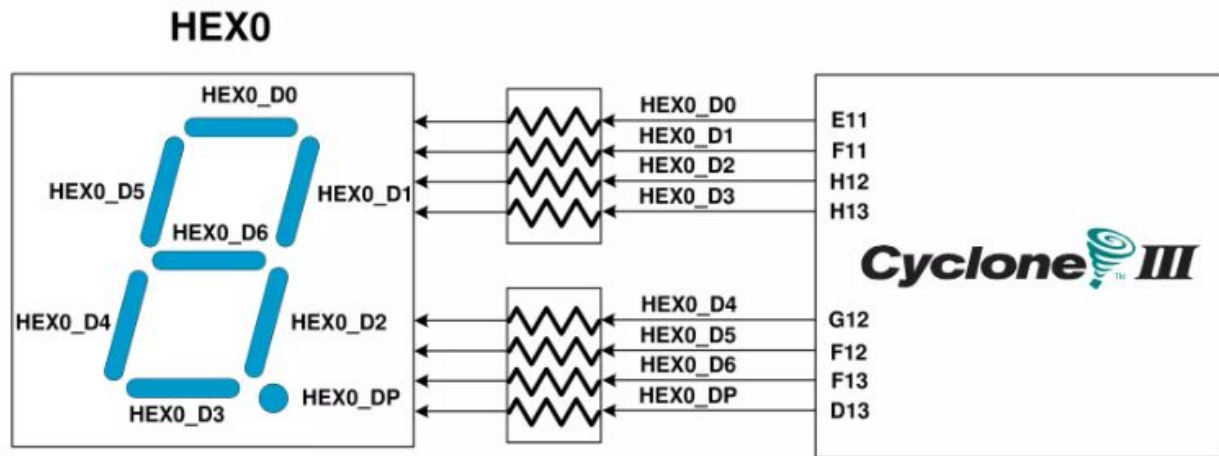


Figure 4.8. Connections between the 7-segment displays and Cyclone III FPGA

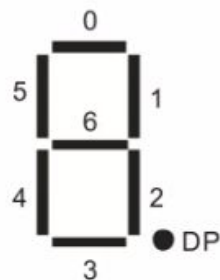


Figure 4.9. Position and index of each segment in a 7-segment display