

Table 3-6 Pin Assignments for Slide Switches

Signal Name	FPGA Pin No.	Description	I/O Standard
SW[0]	PIN_AB12	Slide Switch[0]	3.3V
SW[1]	PIN_AC12	Slide Switch[1]	3.3V
SW[2]	PIN_AF9	Slide Switch[2]	3.3V
SW[3]	PIN_AF10	Slide Switch[3]	3.3V
SW[4]	PIN_AD11	Slide Switch[4]	3.3V
SW[5]	PIN_AD12	Slide Switch[5]	3.3V
SW[6]	PIN_AE11	Slide Switch[6]	3.3V
SW[7]	PIN_AC9	Slide Switch[7]	3.3V
SW[8]	PIN_AD10	Slide Switch[8]	3.3V
SW[9]	PIN_AE12	Slide Switch[9]	3.3V

Table 3-7 Pin Assignments for Push-buttons

Signal Name	FPGA Pin No.	Description	I/O Standard
KEY[0]	PIN_AA14	Push-button[0]	3.3V
KEY[1]	PIN_AA15	Push-button[1]	3.3V
KEY[2]	PIN_W15	Push-button[2]	3.3V
KEY[3]	PIN_Y16	Push-button[3]	3.3V

Table 3-8 Pin Assignments for LEDs

Signal Name	FPGA Pin No.	Description	I/O Standard
LEDR[0]	PIN_V16	LED [0]	3.3V
LEDR[1]	PIN_W16	LED [1]	3.3V
LEDR[2]	PIN_V17	LED [2]	3.3V
LEDR[3]	PIN_V18	LED [3]	3.3V
LEDR[4]	PIN_W17	LED [4]	3.3V
LEDR[5]	PIN_W19	LED [5]	3.3V
LEDR[6]	PIN_Y19	LED [6]	3.3V
LEDR[7]	PIN_W20	LED [7]	3.3V
LEDR[8]	PIN_W21	LED [8]	3.3V
LEDR[9]	PIN_Y21	LED [9]	3.3V

Table 3-5 Pin Assignments for Clock Inputs

Signal Name	FPGA Pin No.	Description	I/O Standard
CLOCK_50	PIN_AF14	50 MHz clock input	3.3V
CLOCK2_50	PIN_AA16	50 MHz clock input	3.3V
CLOCK3_50	PIN_Y26	50 MHz clock input	3.3V
CLOCK4_50	PIN_K14	50 MHz clock input	3.3V
HPS_CLOCK1_25	PIN_D25	25 MHz clock input	3.3V
HPS_CLOCK2_25	PIN_F25	25 MHz clock input	3.3V

Table 3-9 Pin Assignments for 7-segment Displays

Signal Name	FPGA Pin No.	Description	I/O Standard
HEX0[0]	PIN_AE26	Seven Segment Digit 0[0]	3.3V
HEX0[1]	PIN_AE27	Seven Segment Digit 0[1]	3.3V
HEX0[2]	PIN_AE28	Seven Segment Digit 0[2]	3.3V
HEX0[3]	PIN_AG27	Seven Segment Digit 0[3]	3.3V
HEX0[4]	PIN_AF28	Seven Segment Digit 0[4]	3.3V
HEX0[5]	PIN_AG28	Seven Segment Digit 0[5]	3.3V
HEX0[6]	PIN_AH28	Seven Segment Digit 0[6]	3.3V
HEX1[0]	PIN_AJ29	Seven Segment Digit 1[0]	3.3V
HEX1[1]	PIN_AH29	Seven Segment Digit 1[1]	3.3V
HEX1[2]	PIN_AH30	Seven Segment Digit 1[2]	3.3V
HEX1[3]	PIN_AG30	Seven Segment Digit 1[3]	3.3V
HEX1[4]	PIN_AF29	Seven Segment Digit 1[4]	3.3V
HEX1[5]	PIN_AF30	Seven Segment Digit 1[5]	3.3V
HEX1[6]	PIN_AD27	Seven Segment Digit 1[6]	3.3V
HEX2[0]	PIN_AB23	Seven Segment Digit 2[0]	3.3V
HEX2[1]	PIN_AE29	Seven Segment Digit 2[1]	3.3V
HEX2[2]	PIN_AD29	Seven Segment Digit 2[2]	3.3V
HEX2[3]	PIN_AC28	Seven Segment Digit 2[3]	3.3V
HEX2[4]	PIN_AD30	Seven Segment Digit 2[4]	3.3V
HEX2[5]	PIN_AC29	Seven Segment Digit 2[5]	3.3V
HEX2[6]	PIN_AC30	Seven Segment Digit 2[6]	3.3V
HEX3[0]	PIN_AD26	Seven Segment Digit 3[0]	3.3V
HEX3[1]	PIN_AC27	Seven Segment Digit 3[1]	3.3V
HEX3[2]	PIN_AD25	Seven Segment Digit 3[2]	3.3V
HEX3[3]	PIN_AC25	Seven Segment Digit 3[3]	3.3V
HEX3[4]	PIN_AB28	Seven Segment Digit 3[4]	3.3V
HEX3[5]	PIN_AB25	Seven Segment Digit 3[5]	3.3V
HEX3[6]	PIN_AB22	Seven Segment Digit 3[6]	3.3V
HEX4[0]	PIN_AA24	Seven Segment Digit 4[0]	3.3V
HEX4[1]	PIN_Y23	Seven Segment Digit 4[1]	3.3V
HEX4[2]	PIN_Y24	Seven Segment Digit 4[2]	3.3V
HEX4[3]	PIN_W22	Seven Segment Digit 4[3]	3.3V
HEX4[4]	PIN_W24	Seven Segment Digit 4[4]	3.3V
HEX4[5]	PIN_V23	Seven Segment Digit 4[5]	3.3V
HEX4[6]	PIN_W25	Seven Segment Digit 4[6]	3.3V
HEX5[0]	PIN_V25	Seven Segment Digit 5[0]	3.3V
HEX5[1]	PIN_AA28	Seven Segment Digit 5[1]	3.3V
HEX5[2]	PIN_Y27	Seven Segment Digit 5[2]	3.3V
HEX5[3]	PIN_AB27	Seven Segment Digit 5[3]	3.3V
HEX5[4]	PIN_AB26	Seven Segment Digit 5[4]	3.3V
HEX5[5]	PIN_AA26	Seven Segment Digit 5[5]	3.3V
HEX5[6]	PIN_AA25	Seven Segment Digit 5[6]	3.3V