LED Pin List

Table 2–12 lists the FPGA pins assigned to the LEDs.

Table 2–12. LED FPGA Pin Connections		
Signal Name	**FPGA Pin**	**Description**
LEDR[0]	PIN_R20	LED Red[0]
LEDR[1]	PIN_R19	LED Red[1]
LEDR[2]	PIN_U19	LED Red[2]
LEDR[3]	PIN_Y19	LED Red[3]
LEDR[4]	PIN_T18	LED Red[4]
LEDR[5]	PIN_V19	LED Red[5]
LEDR[6]	PIN_Y18	LED Red[6]
LEDR[7]	PIN_U18	LED Red[7]
LEDR[8]	PIN_R18	LED Red[8]
LEDR[9]	PIN_R17	LED Red[9]
LEDG[0]	PIN_U22	LED Green[0]
LEDG[1]	PIN_U21	LED Green[1]
LEDG[2]	PIN_V22	LED Green[2]
LEDG[3]	PIN_V21	LED Green[3]
LEDG[4]	PIN_W22	LED Green[4]
LEDG[5]	PIN_W21	LED Green[5]
LEDG[6]	PIN_Y22	LED Green[6]
LEDG[7]	PIN_Y21	LED Green[7]

Seven-Segment Displays

The development board provides four adjacent 7-segment displays, **HEX0–HEX3**, (Figure 2–16) for reporting numerical values from the FPGA. Each segment connects to an FPGA general-purpose I/O pin. A LOW logic level applied at the pin lights up the segment; a HIGH logic level turns the segment off.