



## KEY

Name	Pin
KEY[0]	PIN_B8
KEY[1]	PIN_A7
KEY[2]	PIN_AB5
KEY[3]	PIN_AB6
KEY[4]	PIN_Y19
KEY[5]	PIN_AB20

# CSE 2441 - BitBox II

## LEDR

Name	Pin
LEDR[0]	PIN_A8
LEDR[1]	PIN_A9
LEDR[2]	PIN_A10
LEDR[3]	PIN_B10
LEDR[4]	PIN_D13
LEDR[5]	PIN_C13
LEDR[6]	PIN_E14
LEDR[7]	PIN_D14
LEDR[8]	PIN_A11
LEDR[9]	PIN_B11

## SW

Name	Pin
SW[0]	PIN_C10
SW[1]	PIN_C11
SW[2]	PIN_D12
SW[3]	PIN_C12
SW[4]	PIN_A12
SW[5]	PIN_B12
SW[6]	PIN_A13
SW[7]	PIN_A14
SW[8]	PIN_B14
SW[9]	PIN_F15

## LEDG

Name	Pin
LEDG[0]	PIN_AB7
LEDG[1]	PIN_AB8
LEDG[2]	PIN_AB9
LEDG[3]	PIN_Y10
LEDG[4]	PIN_AA11
LEDG[5]	PIN_AA12
LEDG[6]	PIN_AB17
LEDG[7]	PIN_AA17
LEDG[8]	PIN_AB19
LEDG[9]	PIN_AA19

## HEX0

Name	Pin
HEX0[0]	PIN_C14
HEX0[1]	PIN_E15
HEX0[2]	PIN_C15
HEX0[3]	PIN_C16
HEX0[4]	PIN_E16
HEX0[5]	PIN_D17
HEX0[6]	PIN_C17
HEX0[7]	PIN_D15

## HEX1

Name	Pin
HEX1[0]	PIN_C18
HEX1[1]	PIN_D18
HEX1[2]	PIN_E18
HEX1[3]	PIN_B16
HEX1[4]	PIN_A17
HEX1[5]	PIN_A18
HEX1[6]	PIN_B17
HEX1[7]	PIN_A16

## HEX2

Name	Pin
HEX2[0]	PIN_B20
HEX2[1]	PIN_A20
HEX2[2]	PIN_B19
HEX2[3]	PIN_A21
HEX2[4]	PIN_B21
HEX2[5]	PIN_C22
HEX2[6]	PIN_B22
HEX2[7]	PIN_A19

## HEX3

Name	Pin
HEX3[0]	PIN_F21
HEX3[1]	PIN_E22
HEX3[2]	PIN_E21
HEX3[3]	PIN_C19
HEX3[4]	PIN_C20
HEX3[5]	PIN_D19
HEX3[6]	PIN_E17
HEX3[7]	PIN_D22

## HEX4

Name	Pin
HEX4[0]	PIN_F18
HEX4[1]	PIN_E20
HEX4[2]	PIN_E19
HEX4[3]	PIN_J18
HEX4[4]	PIN_H19
HEX4[5]	PIN_F19
HEX4[6]	PIN_F20
HEX4[7]	PIN_F17

## HEX5

Name	Pin
HEX5[0]	PIN_J20
HEX5[1]	PIN_K20
HEX5[2]	PIN_L18
HEX5[3]	PIN_N18
HEX5[4]	PIN_M20
HEX5[5]	PIN_N19
HEX5[6]	PIN_N20
HEX5[7]	PIN_L19



# CSE 2441 - BitBox II

Keypad (DE-10)

Name	Pin
COL[0]	PIN_AA12
COL[1]	PIN_AA11
COL[2]	PIN_Y10
COL[3]	PIN_AB9
ROW[0]	PIN_AB8
ROW[1]	PIN_AB7
ROW[2]	PIN_AB6
ROW[3]	PIN_AB5

Keypad (FlipBoard -> DE-10)

Name	Pin
COL[0]	PIN_AA6
COL[1]	PIN_Y5
COL[2]	PIN_AA5
COL[3]	PIN_Y4
ROW[0]	PIN_AB3
ROW[1]	PIN_Y3
ROW[2]	PIN_AB2
ROW[3]	PIN_AA2

HexBoard (DE-10)

Name	Pin
DIGIT[0]	PIN_AB19
DIGIT[1]	PIN_AA19
DIGIT[2]	PIN_Y19
DIGIT[3]	PIN_AB20
SEG[0]	PIN_AA12
SEG[1]	PIN_AA11
SEG[2]	PIN_Y10
SEG[3]	PIN_AB9
SEG[4]	PIN_AB8
SEG[5]	PIN_AB7
SEG[6]	PIN_AB17
SEG[7]	PIN_AA17
KEY[2]	PIN_AB6
KEY[3]	PIN_AB5
KEY[4]	PIN_AA20
KEY[5]	PIN_AB21

HexBoard (FlipBoard -> DE-10)

Name	Pin
DIGIT[0]	PIN_W8
DIGIT[1]	PIN_V8
DIGIT[2]	PIN_W9
DIGIT[3]	PIN_V9
SEG[0]	PIN_AA6
SEG[1]	PIN_Y5
SEG[2]	PIN_AA5
SEG[3]	PIN_Y4
SEG[4]	PIN_AB3
SEG[5]	PIN_Y3
SEG[6]	PIN_W7
SEG[7]	PIN_V7
KEY[2]	PIN_AB2
KEY[3]	PIN_AA2
KEY[4]	PIN_V10
KEY[5]	PIN_W10



BitBoard KEY

Name	Pin
BB_KEY[0]	PIN_AA8
BB_KEY[1]	PIN_Y7
BB_KEY[2]	PIN_AA9
BB_KEY[3]	PIN_Y8
BB_KEY[4]	PIN_AB10
BB_KEY[5]	PIN_AA10

# CSE 2441 - BitBox II

BitBoard LEDR

Name	Pin
BB_LEDR[0]	PIN_V5
BB_LEDR[1]	PIN_W6
BB_LEDR[2]	PIN_W7
BB_LEDR[3]	PIN_V7
BB_LEDR[4]	PIN_W8
BB_LEDR[5]	PIN_V8
BB_LEDR[6]	PIN_W9
BB_LEDR[7]	PIN_V9
BB_LEDR[8]	PIN_W10
BB_LEDR[9]	PIN_V10

BitBoard SW

Name	Pin
BB_SW[0]	PIN_W11
BB_SW[1]	PIN_AB11
BB_SW[2]	PIN_Y11
BB_SW[3]	PIN_AB12
BB_SW[4]	PIN_AB13
BB_SW[5]	PIN_W12
BB_SW[6]	PIN_W13
BB_SW[7]	PIN_AA14
BB_SW[8]	PIN_AA15
BB_SW[9]	PIN_W5

BitBoard LEDG

Name	Pin
BB_LEDG[0]	PIN_AB2
BB_LEDG[1]	PIN_AA2
BB_LEDG[2]	PIN_AB3
BB_LEDG[3]	PIN_Y3
BB_LEDG[4]	PIN_AA5
BB_LEDG[5]	PIN_Y4
BB_LEDG[6]	PIN_AA6
BB_LEDG[7]	PIN_Y5
BB_LEDG[8]	PIN_AA7
BB_LEDG[9]	PIN_Y6