LCD1x64

CB16CE

CE | CEO
C | TC
CLR | Q[15:0]

Line1(63:48)

RotaryEnc

ROT_A | RotL
ROT_B | RotR
Clk

ROT_A
ROT_B

CB16CE

CE | CEO
C | TC
CLR | Q[15:0]

Line1(15:0)

ROT_CENTER

Clk_50MHz

LCD1x64

Line(63:0) | LCD_E
Blank(15:0) | LCD_RS
 | LCD_RW
Reset | LCD_D(3:0)
Clk_50MHz | SF_CE

LCD_E
LCD_RS
LCD_RW
LCD_D(3:0)
SF_CE

VCC

Blank1(11)
BUF
Blank1(10)
BUF
Blank1(9)
BUF
Blank1(8)
BUF
Blank1(7)
BUF
Blank1(6)
BUF
Blank1(5)
BUF
Blank1(4)
BUF

SW_3
SW_2
SW_1
SW_0

Blank: 000011ssss110000

Test_LCD1x64

J. Sugier, 2008