3rd Layer (SSD_2Digit)

SSD_2Digit

Mux2x1x4

D0[3:0] —4— D0[3:0]

D1[3:0] —4— D1[3:0]   Q[3:0] —4—

SEL

BCDToSevenSegment

D[3:0]   Segment[a:g] —7— Segment[a:g]

Counter_0-1

ScanCLK →CLK   Q0

Decoder1x2

A0   D[1:0] —2— Common[1:0]