seg\_out[5] =

(display\_on)

(

(bcd\_in[3]’ bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0]’) +

(bcd\_in[3]’ bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0]) +

(bcd\_in[3]’ bcd\_in[2]’ bcd\_in[1] bcd\_in[0]) +

(bcd\_in[3]’ bcd\_in[2] bcd\_in[1]’ bcd\_in[0]’) +

(bcd\_in[3]’ bcd\_in[2] bcd\_in[1]’ bcd\_in[0]) +

(bcd\_in[3]’ bcd\_in[2] bcd\_in[1] bcd\_in[0]’) +

(bcd\_in[3]’ bcd\_in[2] bcd\_in[1] bcd\_in[0]) +

( bcd\_in[3] bcd\_in[2]’ bcd\_in[1]‘ bcd\_in[0]’) +

( bcd\_in[3] bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0])

)

seg\_out[4] =

(display\_on)

(

(bcd\_in[3]’ bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0]’) +

(bcd\_in[3]’ bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0]) +

(bcd\_in[3]’ bcd\_in[2]’ bcd\_in[1] bcd\_in[0]’) +

(bcd\_in[3]’ bcd\_in[2]’ bcd\_in[1] bcd\_in[0]) +

(bcd\_in[3]’ bcd\_in[2] bcd\_in[1]’ bcd\_in[0]’) +

(bcd\_in[3]’ bcd\_in[2] bcd\_in[1] bcd\_in[0]) +

( bcd\_in[3] bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0]’) +

( bcd\_in[3] bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0])

)

seg\_out[3] =

(display\_on)

(

(bcd\_in[3]’ bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0]’) +

(bcd\_in[3]’ bcd\_in[2]’ bcd\_in[1] bcd\_in[0]’) +

(bcd\_in[3]’ bcd\_in[2]’ bcd\_in[1] bcd\_in[0]) +

(bcd\_in[3]’ bcd\_in[2] bcd\_in[1]’ bcd\_in[0]) +

(bcd\_in[3]’ bcd\_in[2] bcd\_in[1] bcd\_in[0]’) +

(bcd\_in[3]’ bcd\_in[2] bcd\_in[1] bcd\_in[0]) +

( bcd\_in[3] bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0]’) +

( bcd\_in[3] bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0])

)

seg\_out[2] =

(display\_on)

(

(bcd\_in[3]’ bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0]’) +

(bcd\_in[3]’ bcd\_in[2] bcd\_in[1]’ bcd\_in[0]’) +

(bcd\_in[3]’ bcd\_in[2] bcd\_in[1]’ bcd\_in[0]) +

(bcd\_in[3]’ bcd\_in[2] bcd\_in[1] bcd\_in[0]’) +

( bcd\_in[3] bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0]’) +

( bcd\_in[3] bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0])

)

seg\_out[1] =

(display\_on)

(

(bcd\_in[3]’ bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0]’) +

(bcd\_in[3]’ bcd\_in[2]’ bcd\_in[1] bcd\_in[0]’) +

(bcd\_in[3]’ bcd\_in[2] bcd\_in[1] bcd\_in[0]’) +

( bcd\_in[3] bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0]’)

)

seg\_out[0] =

(display\_on)

(

(bcd\_in[3]’ bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0]’) +

(bcd\_in[3]’ bcd\_in[2]’ bcd\_in[1] bcd\_in[0]’) +

(bcd\_in[3]’ bcd\_in[2]’ bcd\_in[1] bcd\_in[0]) +

(bcd\_in[3]’ bcd\_in[2] bcd\_in[1]’ bcd\_in[0]) +

(bcd\_in[3]’ bcd\_in[2] bcd\_in[1] bcd\_in[0]’) +

( bcd\_in[3] bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0]’) +

( bcd\_in[3] bcd\_in[2]’ bcd\_in[1]’ bcd\_in[0])

)