in the name of ALLAH

designed by hussein zahaki

Debouncing Delay

state = scan

Put col_index of
mask array in
column port

overflow

state =
final_result

Put final result
on output

state =
result_extract

Check row_index of
row port

If
high
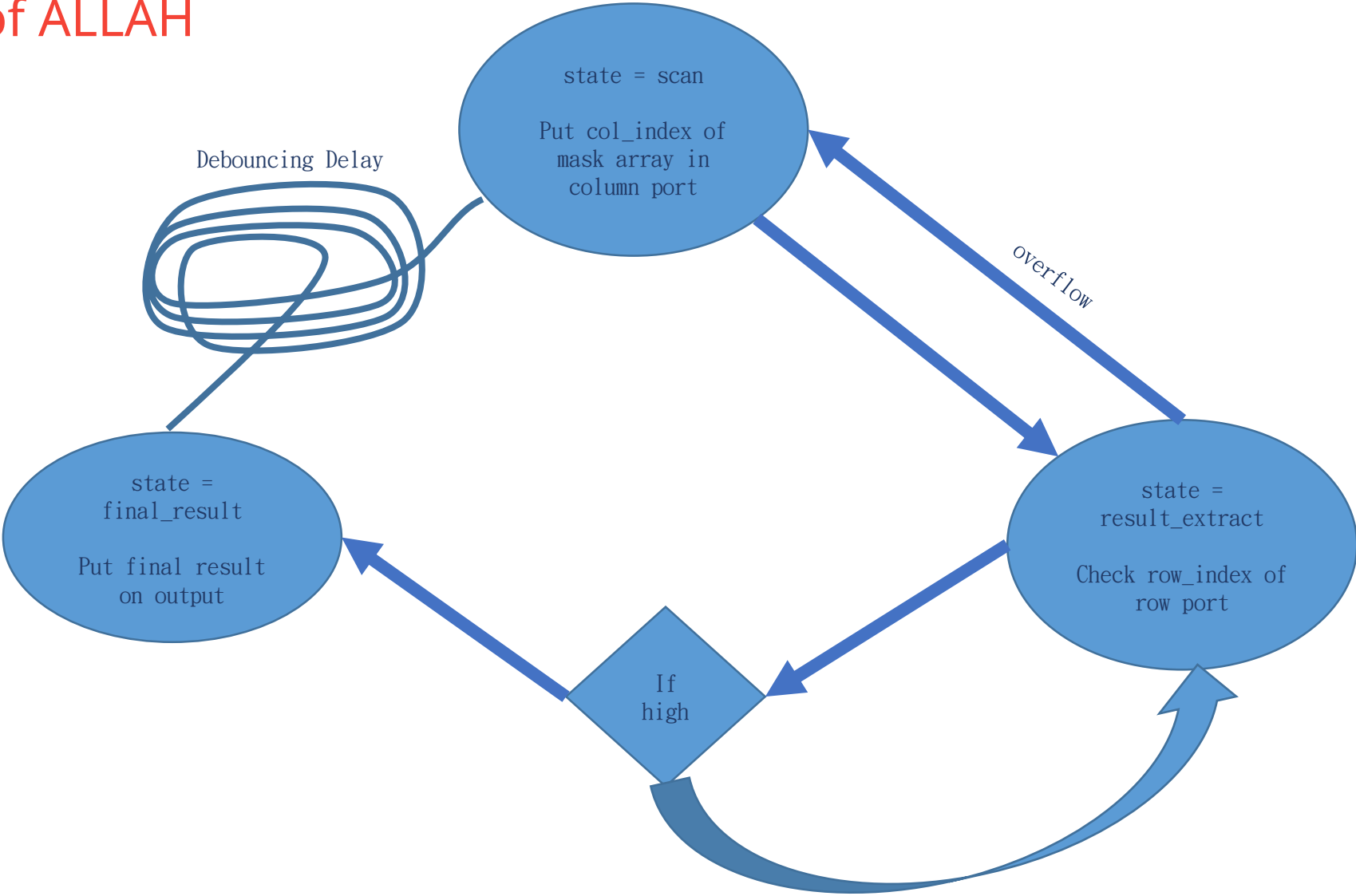
algorithm of keypad driver

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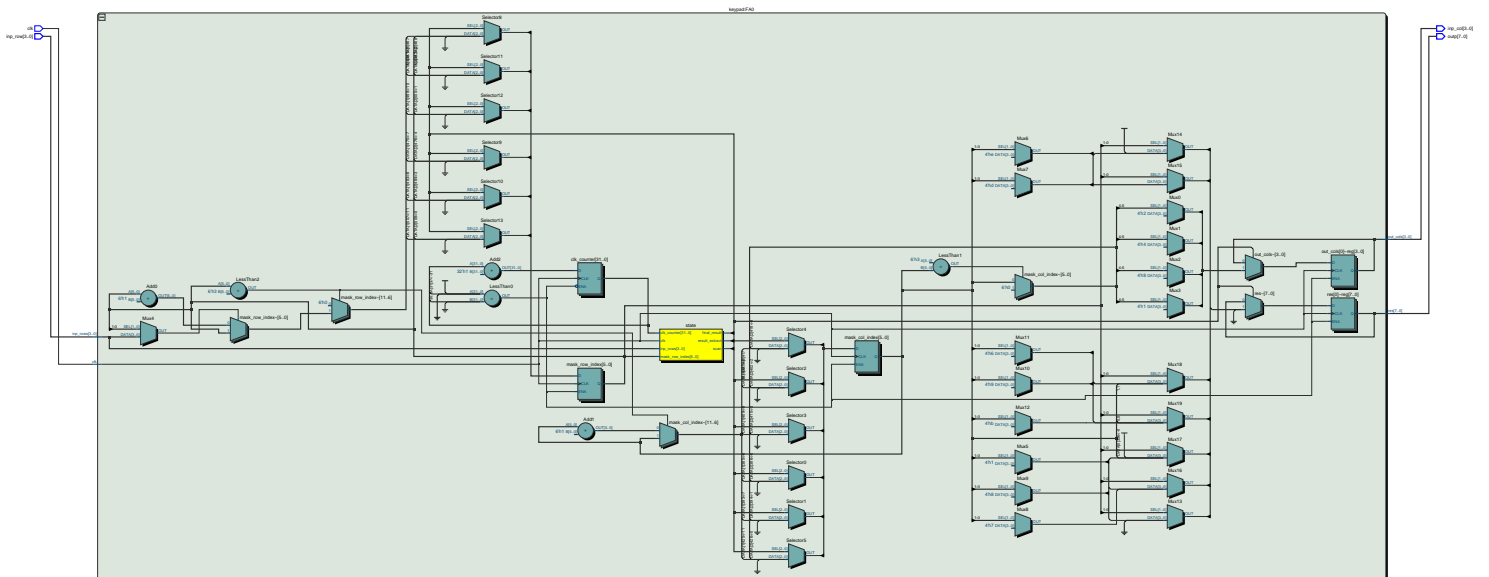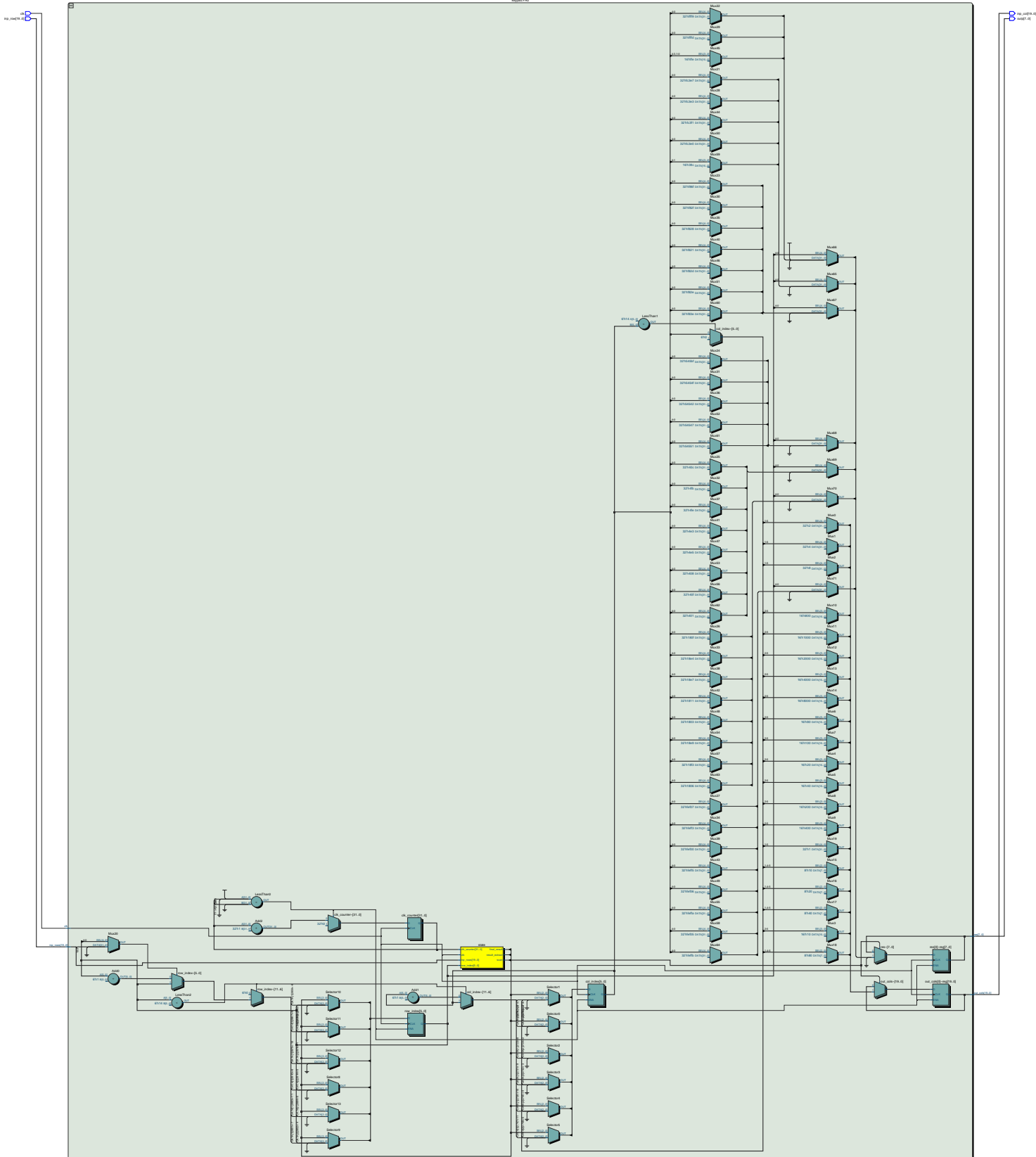
schematic(1): key pad driver 4X4 using std_keypad package

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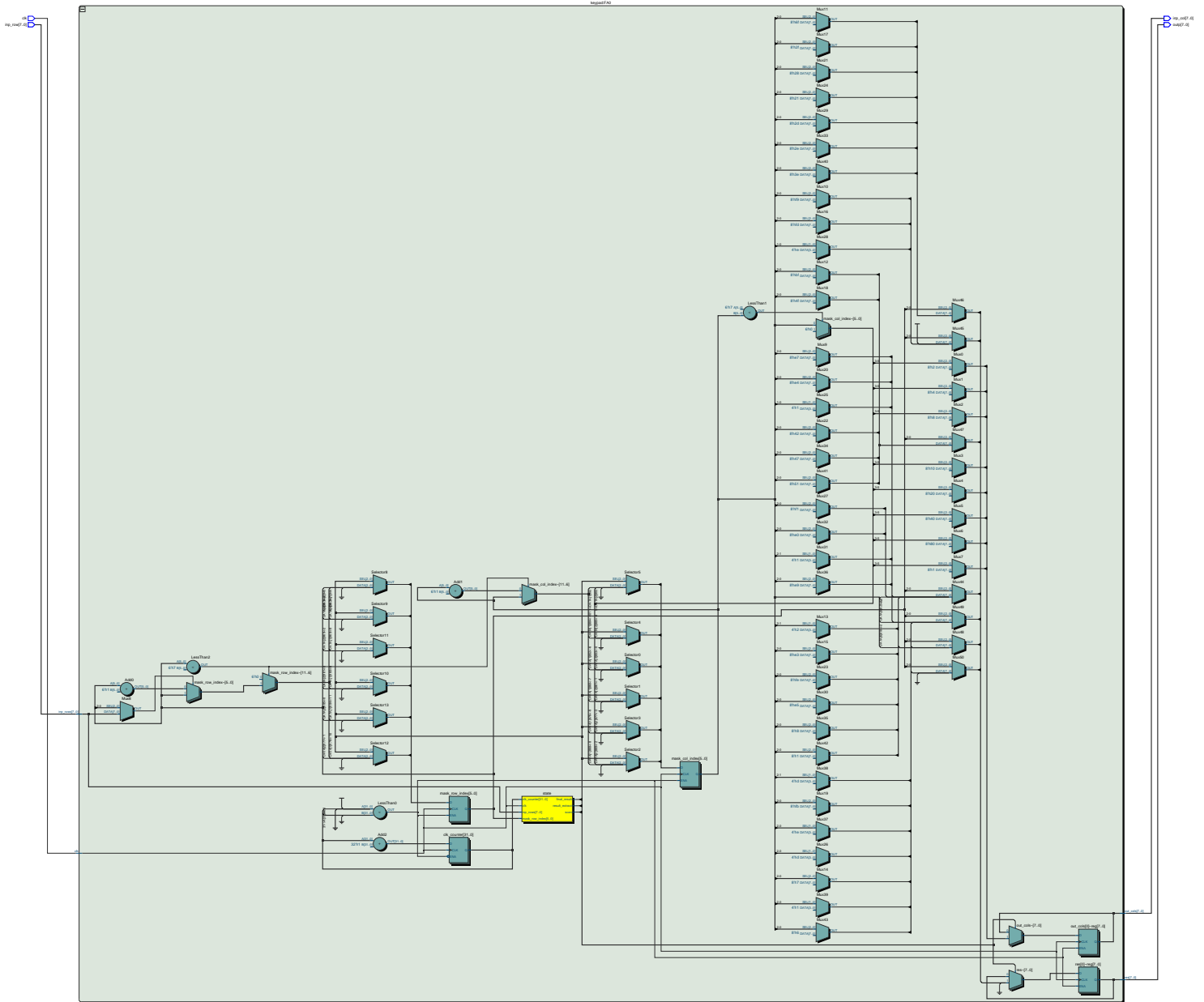
schematic(2): key pad driver 8X8 using std_keypad package

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schematic(3): key pad driver 20X20 using std_keypad package

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