

:KeypadDriver

:main

GetKey()

loop

Put column n pin low

[4 times - n =
iteration counter]

alt

[Row 1 Pin = low]

return characterColumns[n][0]

[Row 2 Pin = low]

return characterColumns[n][1]

[Row 3 Pin = low]

return characterColumns[n][2]

[Row 4 Pin = low]

return characterColumns[n][3]