

otto.40000ft@gmail.com

Sheet: /
File: picoPOKER.sch

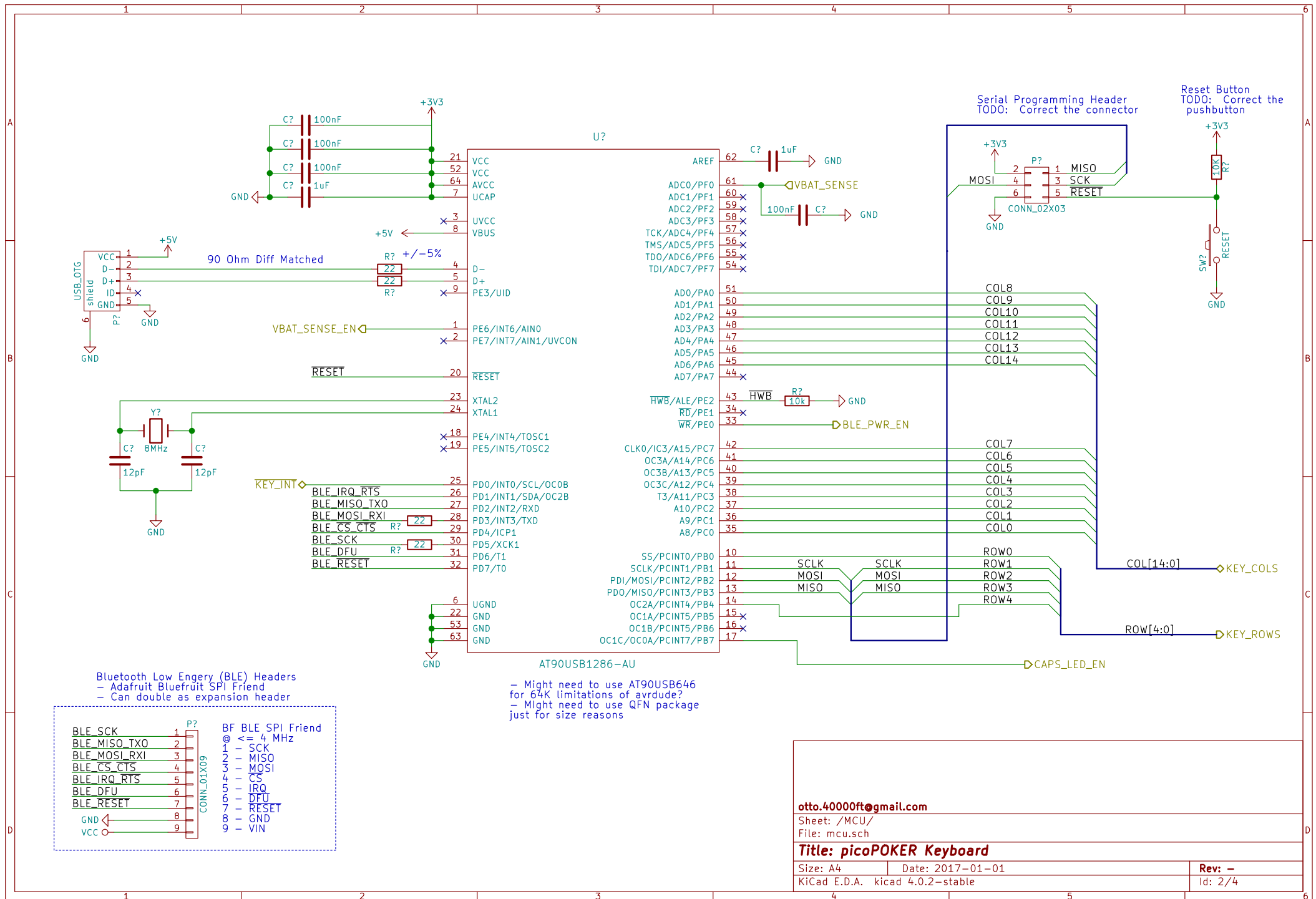
Title: picoPOKER Keyboard

Size: A4 Date: 2017-01-01

KiCad E.D.A. kicad 4.0.2-stable

Rev: -

Id: 1/4



otto.4000ft@gmail.com

Sheet: /MCU/

File: mcu.sch

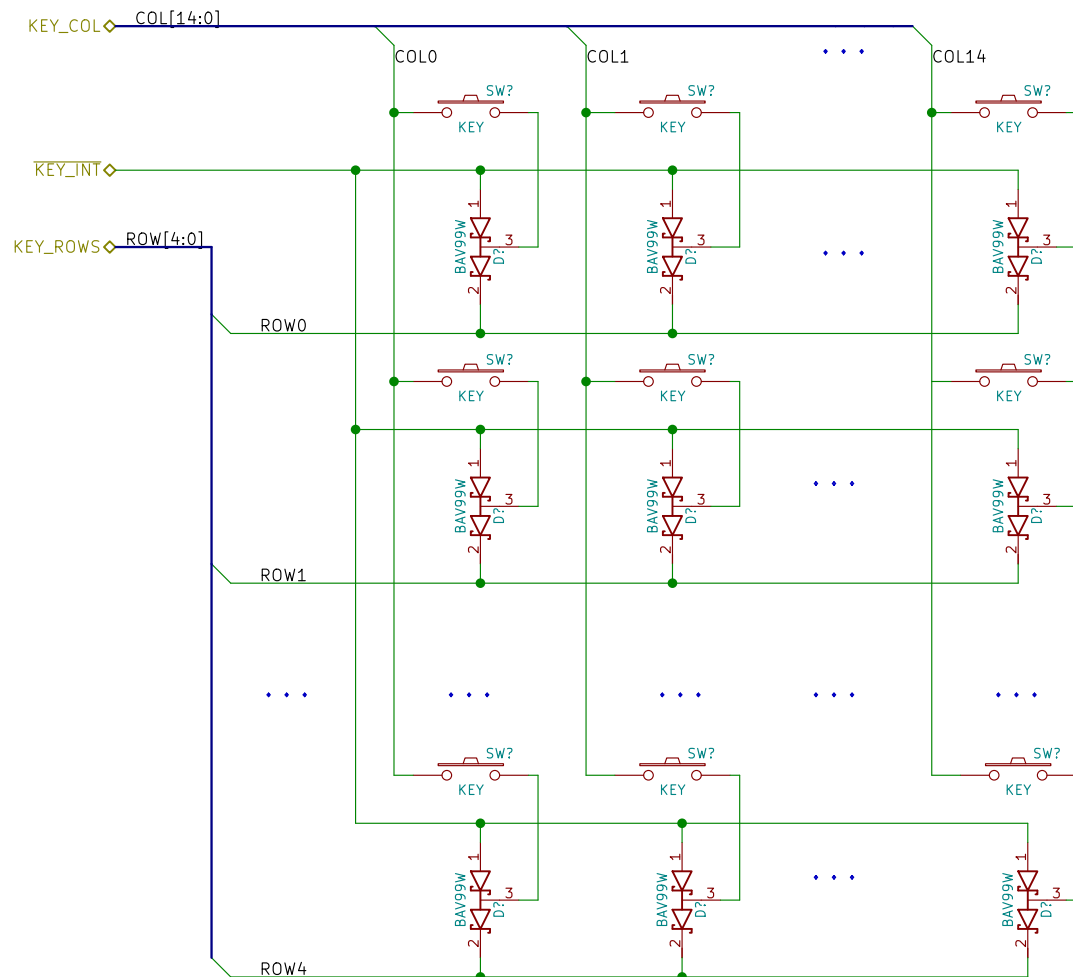
Title: picoPOKER Keyboard

Size: A4 Date: 2017-01-01

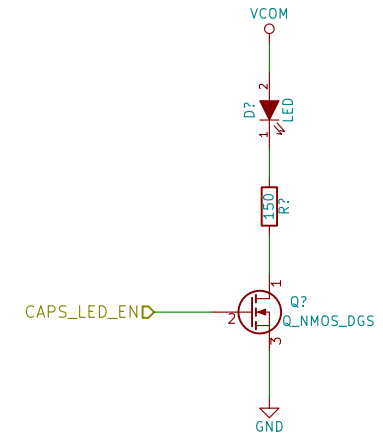
KiCad E.D.A. kicad 4.0.2-stable

Rev: -

Id: 2/4



CAPS LED
Use higher unregulated voltage to ensure the LED is driven.



TODO: Wire up a proper matrix

Matrix Mode	Pin	Pin Mode / Direction	Comment
Scanning	KEY_INT	Out	Drive '0' to not interfere with scan.
	ROWn	Out	Drive '0' to select a row to read, drive '1' to others
Power Down	COLn	In / P.U.	Read the column ports to discover key states for the selected row. '0'=Key Pressed.
	KEY_INT	In / P.U.	Used as interrupt to wake MCU in this mode. Enable P.U. on pin. '0'=Key Pressed.
	ROWn	Out	Drive '1' to deselect all rows.
	COLn	Out	Drive '0' to select all columns.

otto.4000ft@gmail.com

Sheet: /Matrix/

File: matrix.sch

Title: picoPOKER Keyboard

Size: A4 Date: 2017-01-01

KiCad E.D.A. kicad 4.0.2-stable

Rev: -

Id: 3/4

