

The diagram shows a yellow rectangular module labeled 'U1 nice_nano' with various pins. On the left, pins 2 through 13 are connected to breadboard components: user1 (pin 2), user2 (pin 3), CS (pin 6), SCLK (pin 7), MOSI (pin 8), user3 (pin 9), led2 (pin 10), led1 (pin 11), led0 (pin 12), and col0 (pin 13). On the right, pins 17 through 26 are connected to a row of LEDs labeled row0 through row7. Pin 17 is connected to SW_reset, which is a pushbutton connected to GND. Pin 19 is connected to row0, 20 to row1, 21 to row2, 22 to row3, 23 to row4, 24 to row5, 25 to row6, and 26 to row7. The module has a 'High Frequency' warning. Power is supplied by +BATT (pin 15) and +3.3V (pin 18). The module is labeled 'U1 nice_nano'.

The diagram illustrates the Faston PCB mount. It shows a green wire connecting the H1 and H2 stands to a common ground point. A red wire connects the J7 pin to a ground point. The H3 and H4 stands are shown without connections. The ground points are labeled GND.

Diagram of a 5-pin header J3. The pins are labeled as follows:

- Pin 2: user1
- Pin 3: user2
- Pin 4: user3
- Pin 5: GND

A red 'X' is drawn over the header, and the text "User exposed" is written next to it.

JST-PH connector

+BATT

GND

Dupont for power profiling

J8

TE Connectivity Trio-mate connectors
Can be replaced with Connfly FFC/FPC
BUT rotated 180deg

col0 separate so that waking
up to button presses with
disabled VCC works

Keyboard Matrix – link

This one is for the 122key one

col0

col1

col2

col3

col4

col5

col6

col7

col8

col9

col10

col11

col12

col13

col14

col15

col16

col17

col18

col19

row0

row1

row2

row3

row4

row5

row6

row7

row0..7

row0

row1

row2

row3

row4

row5

row6

row7

led2r

led1r

led0r

+3.3V

led2

led1

led0

R3

R2

R1

J2

J4

J5

D1

D2

D3

D4

D5

D6

D7

D8

D9

D10

D11

D12

D13

D14

D15

D16

D17

D18

D19

D20

1

2

3

4

5

6

7

8

9

10

11

12

1

2

3

4

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|-----------------------|------------------|-------------------|
| Title: Model K | | |
| Size: A4 | Date: 2025-06-15 | Rev: 0.8.1 |
| KiCad E.D.A. 9.0.1 | | Id: 1/1 |