

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 18 is connected to +3.3V. Pin 19 is connected to +BATT. Pin 20 is connected to GND. Pin 21 is connected to GND. Pin 22 is connected to GND. Pin 23 is connected to GND. Pin 24 is connected to GND. Pin 25 is connected to GND. Pin 26 is connected to GND. The module has a 'High Frequency' warning. The breadboard contains a 10k resistor and a 100k resistor. 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, indicating it is not to be used.

The diagram shows a JST-PH connector with three pins labeled 1, 2, and 3. Pin 1 is connected to a green wire that goes to a terminal labeled '+BATT'. Pin 2 is connected to a green wire that goes to a terminal labeled '1' on a component labeled 'J8'. Pin 3 is connected to a green wire that goes to a terminal labeled 'GND'. A red 'X' is drawn over the 'J8' component, indicating it is not to be used. The text 'Dupont for power profiling' is written below the GND terminal.

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

D1

D2

D3

D4

D5

D6

D7

D8

D9

D10

D11

D12

D13

D14

D15

D16

D17

D18

D19

D20

J2

row0

row1

row2

row3

row4

row5

row6

row7

J6

led2r

led1r

led0r

+3.3V

R3

R2

R1

J5

Title: Model K		
Size: A4	Date: 2025-06-15	Rev: 0.8.1
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