

MOUNT_HOLE
GTL2003
NX3225SA-16MHz-15ppm
AT86RF231 2450BL15B100E
MOUNT_HOLE

Gruvin & Co v1.2
KiCAD-Freakduino (v2.1a compatible)

POWER
RESET
3V3
5V
GND
GND
Vin

ANALOG IN
A0
A1
A2
A3
A4 SDA
A5 SCL

JP6/THRU
JP3
JP5

ANT1
2.4GHz USB

BATT1
BH321-1P

EXT BATT

ATmega328
8MHz

ISP H3X2

VR1
UA78M05DCYG3

U6

U2
TC1264

FT232-SSOP28

USB BATT

SW_SLIDE/THRU-3

LED ENB

DIGITAL (-PWM)
TX <-1
RX -> 0

JP8/THRU

JP8/THRU

JP4

JP6

JP7

POWERJACK/THRU-3

DIPSW4_DIP
MOUNT_HOLE
JP3/THRU_VERT

ATMEGA328-QFP32
MOUNT_HOLE