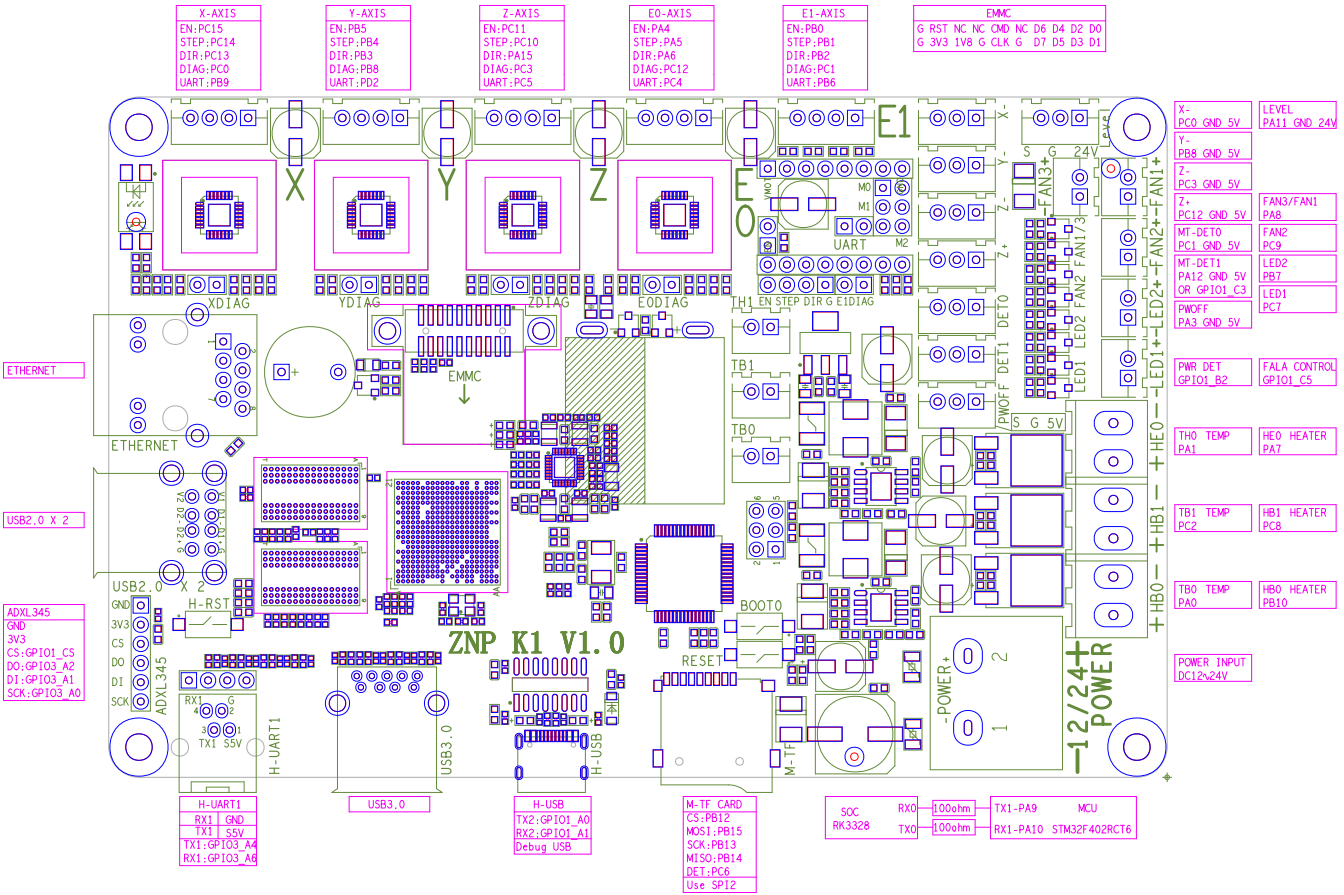
X-AXIS
EN:PC15
STEP:PC14
DIR:PC13
DIAG:PC0
UART:PB9
Y-AXIS
EN:PB5
STEP:PB4
DIR:PB3
DIAG:PB8
UART:PD2
Z-AXIS
EN:PC11
STEP:PC10
DIR:PA15
DIAG:PC3
UART:PC5
E0-AXIS
EN:PA4
STEP:PA5
DIR:PA6
DIAG:PC12
UART:PC4
E1-AXIS
EN:PB0
STEP:PB1
DIR:PB2
DIAG:PC1
UART:PB6
EMMC
G RST NC NC CMD NC D6 D4 D2 D0
G 3V3 1V8 G CLK G D7 D5 D3 D1
X-
PC0 GND 5V
Y-
PB8 GND 5V
Z-
PC3 GND 5V
Z+
PC12 GND 5V
MT-DET0
PC1 GND 5V
MT-DET1
PA12 GND 5V
OR GPIO1_C3
PWOFF
PA3 GND 5V
LEVEL
PA11 GND 24V
FAN3/FAN1
PA8
FAN2
PC9
LED2
PB7
LED1
PC7
PWR DET
GPIO1_B2
FALA CONTROL
GPIO1_C5
TH0 TEMP
PA1
HE0 HEATER
PA7
TB1 TEMP
PC2
HB1 HEATER
PC8
TB0 TEMP
PA0
HB0 HEATER
PB10
POWER INPUT
DC12~24V
ETHERNET
USB2.0 X 2
ADXL345
GND
3V3
CS:GPIO1_C5
DO:GPIO3_A2
DI:GPIO3_A1
SCK:GPIO3_A0
ZNP K1 V1.0
H-UART1
RX1 GND
TX1 5SV
TX1:GPIO3_A4
RX1:GPIO3_A6
USB3.0
H-USB
TX2:GPIO1_A0
RX2:GPIO1_A1
Debug USB
M-TF CARD
CS:PB12
MOSI:PB15
SCK:PB13
MISO:PB14
DET:PC6
Use SPI2
SOC
RK3328
RX0
TX0
100ohm
TX1-PA9
RX1-PA10
MCU
STM32F402RCT6
12/24V POWER