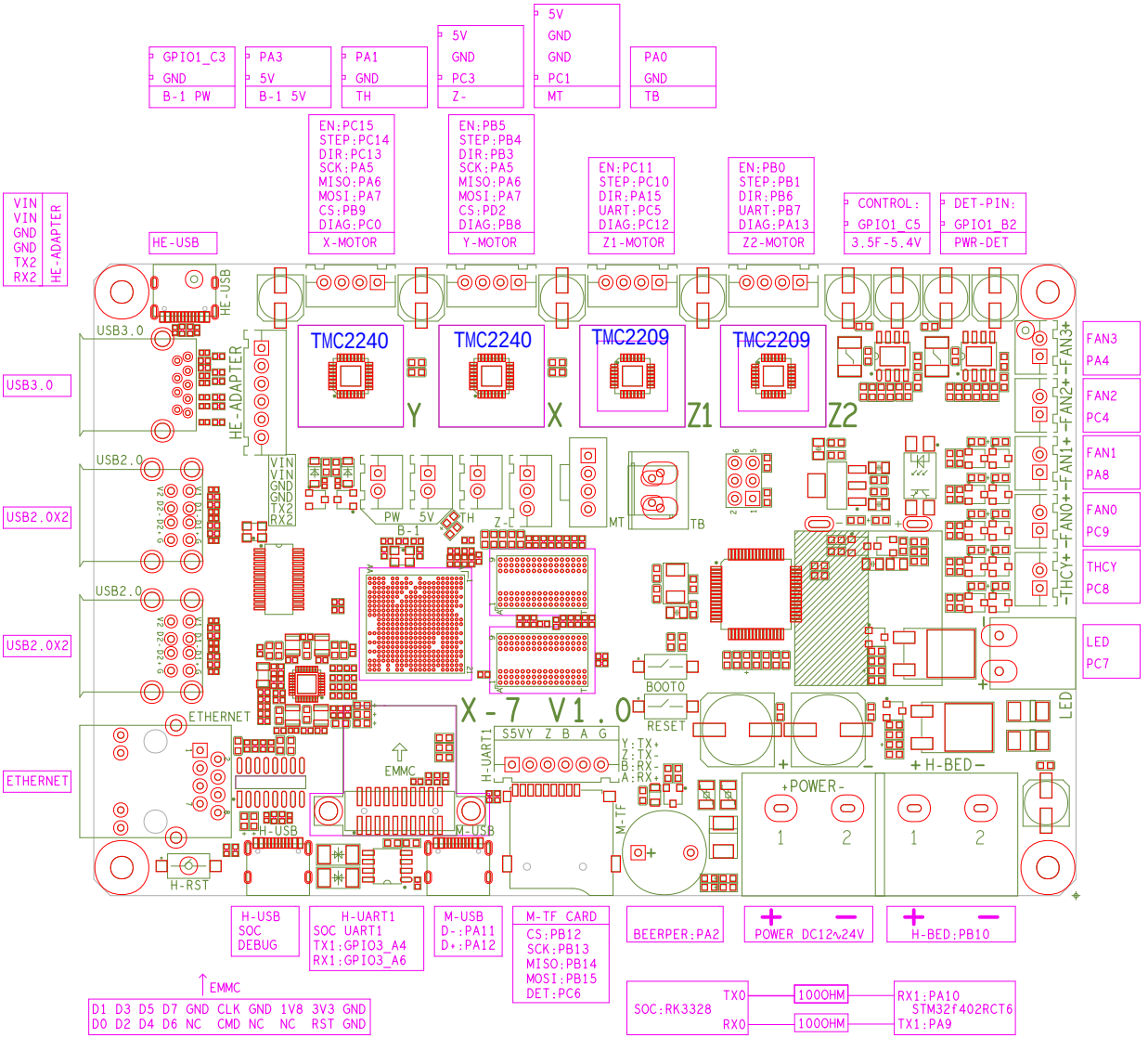
GPIO1_C3
GND
B-1 PW
PA3
5V
B-1 5V
PA1
GND
TH
5V
GND
PC3
Z-
5V
GND
GND
PC1
MT
PA0
GND
TB
EN:PC15
STEP:PC14
DIR:PC13
SCK:PA5
MISO:PA6
MOSI:PA7
CS:PB9
DIAG:PC0
X-MOTOR
EN:PB5
STEP:PB4
DIR:PB3
SCK:PA5
MISO:PA6
MOSI:PA7
CS:PD2
DIAG:PB8
Y-MOTOR
EN:PC11
STEP:PC10
DIR:PA15
UART:PC5
DIAG:PC12
Z1-MOTOR
EN:PB0
STEP:PB1
DIR:PB6
UART:PB7
DIAG:PA13
Z2-MOTOR
CONTROL:
GPIO1_C5
3.5F-5.4V
DET-PIN:
GPIO1_B2
PWR-DET
VIN
VIN
GND
GND
TX2
RX2
HE-ADAPTER
HE-USB
USB3.0
USB2.0
USB2.0X2
ETHERNET
TMC2240
TMC2240
TMC2209
TMC2209
Y
X
Z1
Z2
FAN3
PA4
FAN2
PC4
FAN1
PA8
FAN0
PC9
THCY
PC8
LED
PC7
X-7 V1.0
BOOT0
RESET
EMMC
H-UART1
S5VY Z B A G
Y:TX+
Z:TX-
B:RX-
A:RX+
M-TF
H-USB
M-USB
H-RST
POWER
H-BED
H-USB
SOC
DEBUG
H-UART1
SOC UART1
TX1:GPIO3_A4
RX1:GPIO3_A6
M-USB
D-:PA11
D+:PA12
M-TF CARD
CS:PB12
SCK:PB13
MISO:PB14
MOSI:PB15
DET:PC6
BEERPER:PA2
POWER DC12~24V
H-BED:PB10
EMMC
D1 D3 D5 D7 GND CLK GND 1V8 3V3 GND
D0 D2 D4 D6 NC CMD NC NC RST GND
SOC:RK3328
TX0
RX0
1000HM
1000HM
RX1:PA10
STM32f402RCT6
TX1:PA9