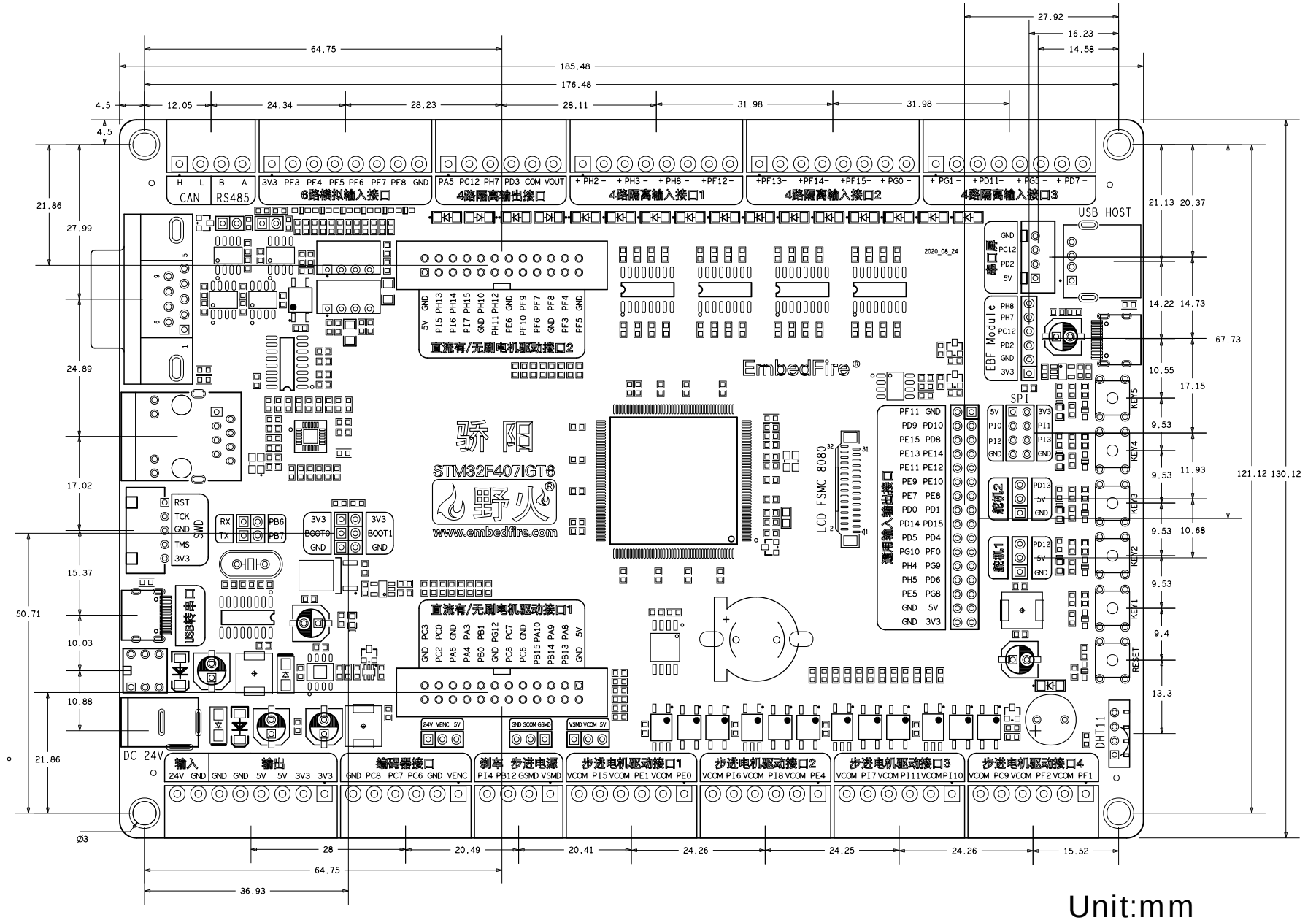
H L B A
CAN RS485
3V3 PF3 PF4 PF5 PF6 PF7 PF8 GND
6路模拟输入接口
PA5 PC12 PH7 PD3 COM VOUT
4路隔离输出接口
+PH2- +PH3- +PH8- +PF12-
4路隔离输入接口1
+PF13- +PF14- +PF15- +PG0-
4路隔离输入接口2
+PG1- +PD11- +PG5- +PD7-
4路隔离输入接口3
USB HOST
串口屏
GND PC12 PD2 5V
EBF Module
PH8 PH7 PC12 PD2 GND 3V3
2020_08_24
5V GND PI5 PH13 PI6 PH14 PI7 PH15 GND PH10 PH11 PH12 PE6 GND PF10 PF9 PF6 PF7 GND PF8 PF3 PF4 PF5 GND
直流有/无刷电机驱动接口2
EmbedFire®
驿阳
STM32F407IGT6
野火®
www.embedfire.com
SPI
5V PI0 PI2 GND
3V3 PI1 PI3 GND
KEY5
KEY4
KEY3
KEY2
KEY1
RESET
舵机2
PD13 5V GND
舵机1
PD12 5V GND
PF11 GND PD9 PD10 PE15 PD8 PE13 PE14 PE11 PE12 PE9 PE10 PE7 PE8 PD0 PD1 PD14 PD15 PD5 PD4 PG10 PF0 PH4 PG9 PH5 PD6 PE5 PG8 GND 5V GND 3V3
通用输入输出接口
LCD FSMC 8080
RST TCK GND TMS 3V3
SWD
RX TX PB6 PB7
3V3 BOOT0 GND
3V3 BOOT1 GND
USB转串口
直流有/无刷电机驱动接口1
GND PC3 PC2 PC0 PA6 GND PA4 PA3 PB0 PB1 GND PG12 PC8 PC7 PC6 GND PB15 PA10 PB14 PA9 PB13 PA8 GND 5V
24V VENC 5V
GND SCOM GSMD
VSMD VCOM 5V
DHT11
DC 24V
输入 24V GND
输出 GND GND 5V 5V 3V3 3V3
编码器接口 GND PC8 PC7 PC6 GND VENC
刹车 步进电源 PI4 PB12 GSMD VSMD
步进电机驱动接口1 VCOM PI5 VCOM PE1 VCOM PE0
步进电机驱动接口2 VCOM PI6 VCOM PI8 VCOM PE4
步进电机驱动接口3 VCOM PI7 VCOM PI11 VCOM PI10
步进电机驱动接口4 VCOM PC9 VCOM PF2 VCOM PF1
27.92
16.23
14.58
64.75
185.48
176.48
4.5
12.05
24.34
28.23
28.11
31.98
31.98
21.86
27.99
24.89
17.02
15.37
50.71
10.03
10.88
21.86
21.13 20.37
14.22 14.73
67.73
10.55
17.15
9.53
9.53
11.93
9.53 10.68
9.53
9.4
13.3
121.12 130.12
Ø3
28
20.49
20.41
24.26
24.25
24.26
15.52
64.75
36.93

Unit:mm