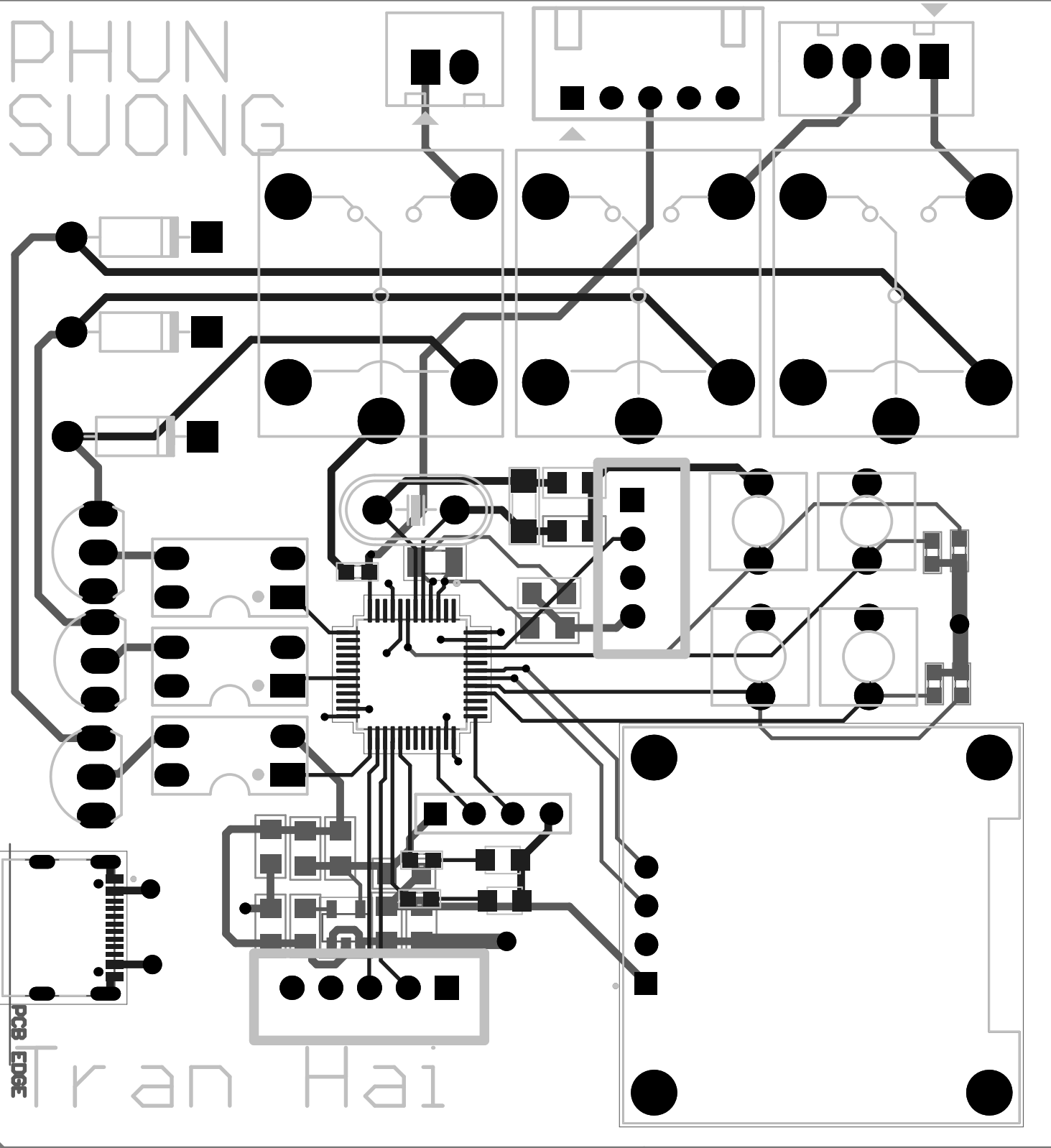


PHUN
SUONG

PCB ED06

Tran Hai



Comment	Description	Designator	Footprint	LibRef	Quantity
0805	Cap SMD	C1, C2	C-0805	C	2
103	Cap SMD	C3, C4, C5, C6, C7, C8, C9, C10, C11, C12	C-0805	C	10
1N4007	Diode 1A	D1, D2, D3	D1A	D1A	3
HLK LD2410c	Cắm	H1	Header 5P DC 2.54	Header 5P 2.54 Duc Cong	1
DHT22	Cắm	H2	XH2.54M-4	Header 4P 2.54 Duc Thang	1
HY SRF05	Cắm	H3	XH2.54M-5	Header 5P 2.54 Duc Thang	1
TYPE-C-31-M-12	USB Connectors 24 Receptacle 1 8.94*7.3mm RoHS	J1	HRO_TYPE-C-31-M-12	TYPE-C-31-M-12	1
PHUN SUONG	Connector 4	JP1	CON4	Con4	1
QUAT	Connector 2	JP2	CON2	Con2	1
LED 0805	Dán	L1	LED-0805-Yellow	LED 0805 Vang	1
LED 0805	Dán	L2	LED-0805-Green	LED 0805 Xanh La	1
Header 4	Header, 4-Pin	P1	HDR1X4	Header 4	1
NPN_EBC	NPN Transistor	Q1, Q2, Q3	QTO-92	NPN_EBC	3
1k		R1, R4, R5, R6, R7	TRO SMD 0603	Res_0603	5
220	Dán	R2, R3	tro smd 0603	Tro 0603 1% 0R	2
1k	Resistor 1/4W	R8	SM-1206	R	1
Relay 10A/12V	Relay SPDT,10A - 12VDC 5 Pin	RL1, RL2, RL3	RL_SPDT_10A	Relay 1	3
SW	Switch button 2 pin	SW1, SW2, SW3, SW4	SW2	SW2	4
DM-OLED096-636	0.96" 128 X 64 MONOCHROME GRAPHIC OLED DISPLAY MODULE - I2C	U1	MODULE_DM-OLED096-636	DM-OLED096-636	1
RT9193-33GB	Linear Voltage Regulator IC Positive Fixed 1 Output 300mA TSOT-23-5	U2	SOT94P279X129-5N	RT9193-33GB	1
PC817	Single Opto	U3, U5, U6	DIP4/W0.3	PC817	3
STM32F103C8T6	ARM® Cortex®-M3 STM32F1 Microcontroller IC 32-Bit 72MHz 64KB (64K x 8) FLASH 48-LQFP (7x7)	U4	QFP50P900X900X160-48N	STM32F103C8T6	1
4Mhz	Crystal For all Crystal 2pin.	X1	XT2	XT2	1
ABS07-32.768KHZ-T	32.768 kHz ±20ppm Crystal 12.5pF 70 kOhms 2-SMD, No Lead	Y1	XTAL_ABS07-32.768KHZ-T	ABS07-32.768KHZ-T	1