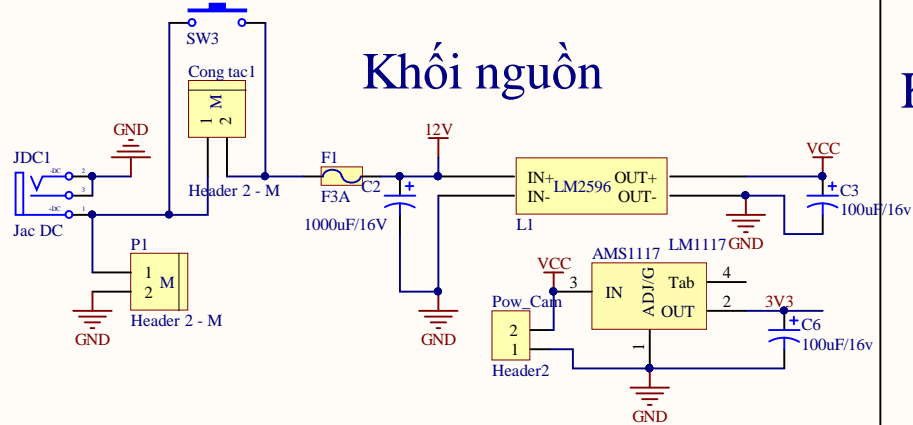
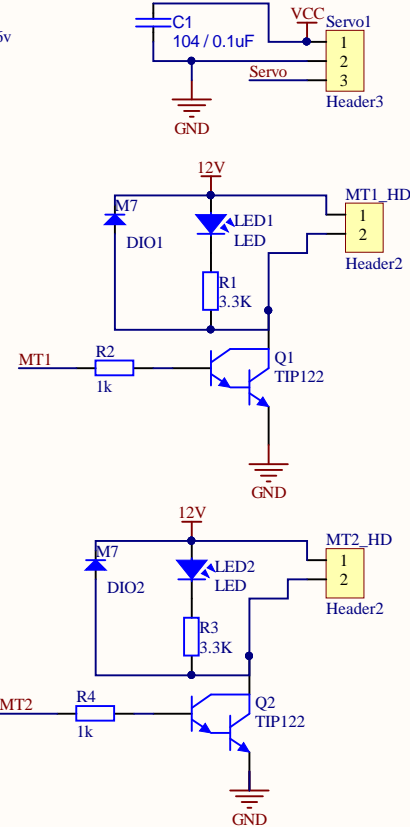


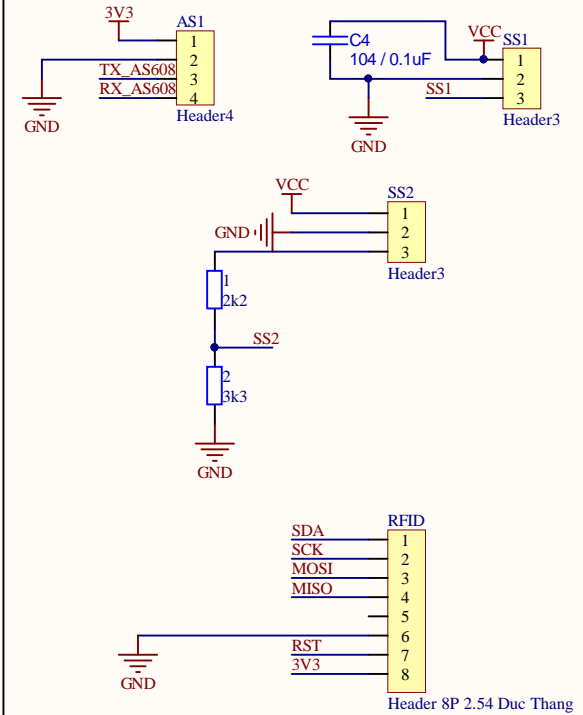
Khối nguồn



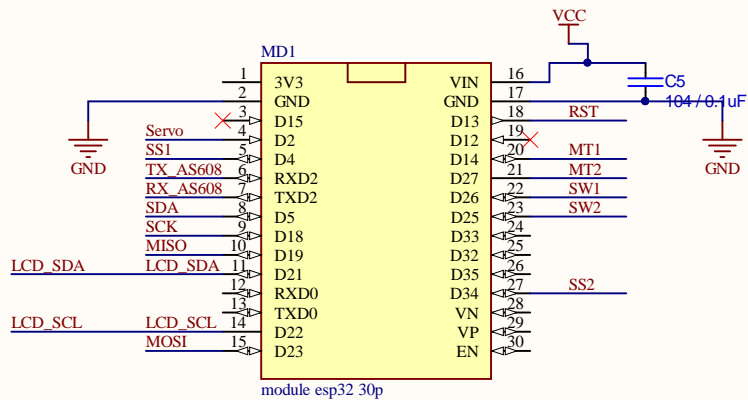
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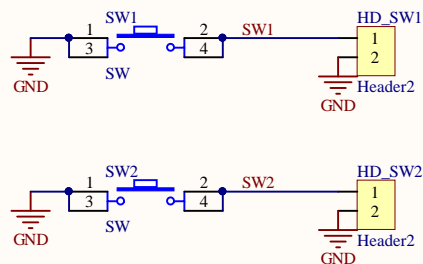
Khối Cảm Biến



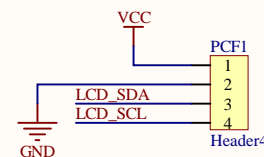
Khối MCU



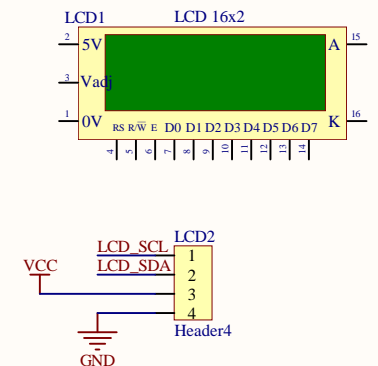
Khối nút nhấn

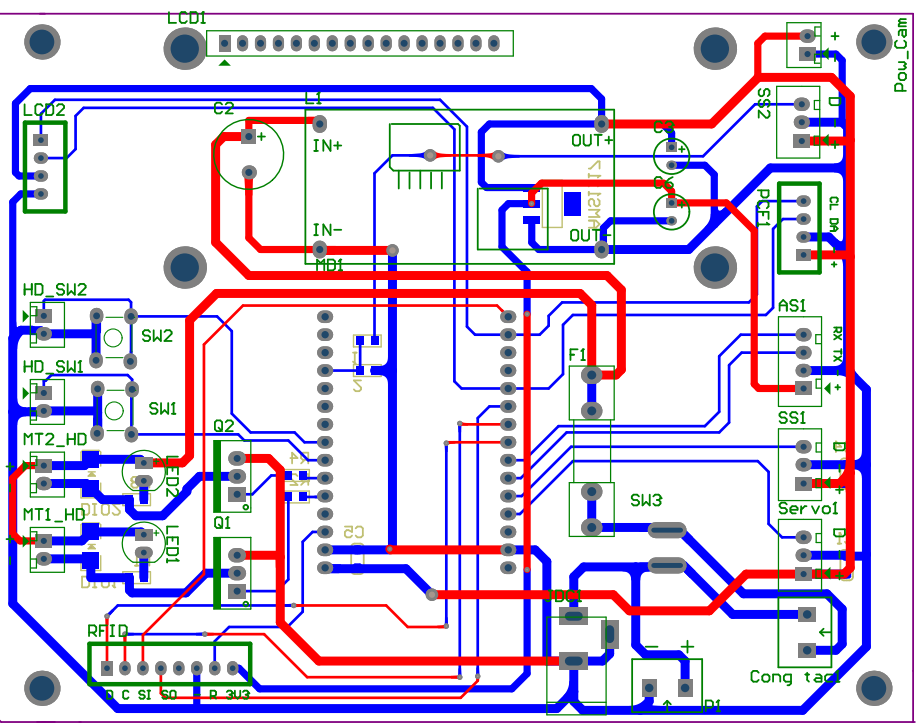


Khối keypad



Khối hiển thị





Comment	Description	Designator	Footprint	LibRef	Quantity
2k2	Resistor SMD 0805	1	DIEN TRO 0805	R0805	1
3k3	Resistor SMD 0805	2	DIEN TRO 0805	R0805	1
LM1117	3v3	AMS1117	SOT223-4N	LM1117	1
Header4	Header IDC, 4 x 1 Pin Vertical 2.54mm Pitch (Non-Boxed, Male)	AS1	Header4	Header4	1
approved sub OK	Capacitor SMD Cer 1.8nF 10% 50V X7R 0805	C1, C4, C5	CAP_0805	CAP C_0805	3
1000uF/16V	Polarized Capacitor (Axial)	C2	C10mm	Cap Pol 12mm	1
100uF/16v	Polarized Capacitor (Axial)	C3, C6	C5mm	Cap Pol 5mm	2
Header 2 - M	Header, 2-Pin, Medium	Cong tac1, P1	Medium - Header 2	Header 2 - M	2
M7	Default Diode	DIO1, DIO2	DIO-SMD-106	Diode SMD	2
F3A	Fuse	F1	Fuse	Fuse	1
Header2	Header IDC, 2 x 1 Pin Vertical 2.54mm Pitch (Non-Boxed, Male)	HD_SW1, HD_SW2, MT1_HD, MT2_HD, Pow_Cam	Header2	Header2	5
Jac DC	Jac DC input	JDC1	DC-IN	DCIN	1
BUCK_LM2596		L1	BUCK_LM2596	BUCK_LM2596	1
LCD 16x2		LCD1	LCD16X2N	LCD	1
Header4	Header IDC, 4 x 1 Pin Vertical 2.54mm Pitch (Non-Boxed, Male)	LCD2, PCF1	XH2.54M-4	Header4	2
LED	LED Single colour Green and Red	LED1, LED2	LED-5 GRe	LED	2
module esp32 30p		MD1	module esp32 30 pin	module esp32 30p	1
TIP122	Darlington Silicon Power NPN Transistor, 8 Amp, 100 Volts and 65 Watts	Q1, Q2	QTO-220	TIP122	2
3.3K	Resistor SMD 0805	R1, R3	DIEN TRO 0805	R0805	2
1k	Resistor SMD 0805	R2, R4	DIEN TRO 0805	R0805	2
Header 8P 2.54 Duc Thang	Cắm	RFID	XH2.54M-8	Header 8P 2.54 Duc Thang	1
Header3	Header IDC, 3 x 1 Pin Vertical 2.54mm Pitch (Non-Boxed, Male)	Servo1, SS1, SS2	Header3	Header3	3
SW	Switch button 4 pin	SW1, SW2	SW4	SW4	2
KCD01-11_SWITCH	Nut Nhan 2 Chan SMD 3	SW3	KCD01-11	KCD01-11_SWITCH	1