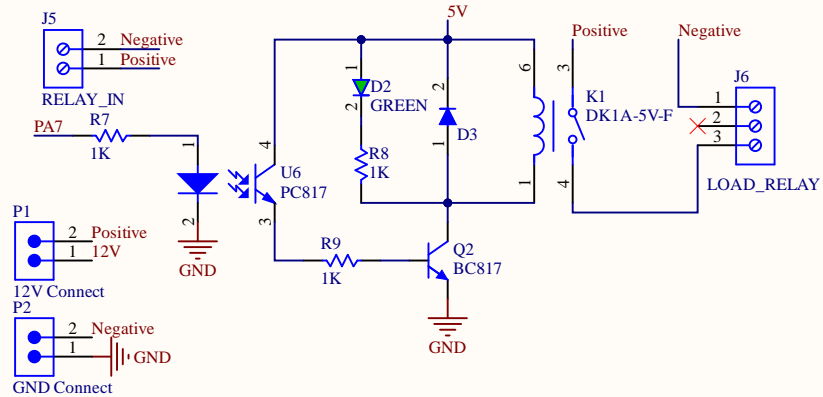
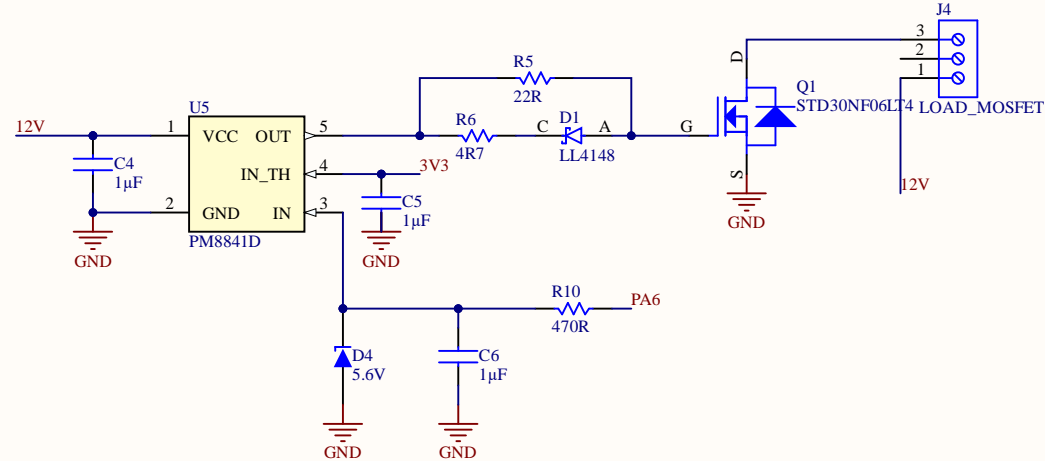


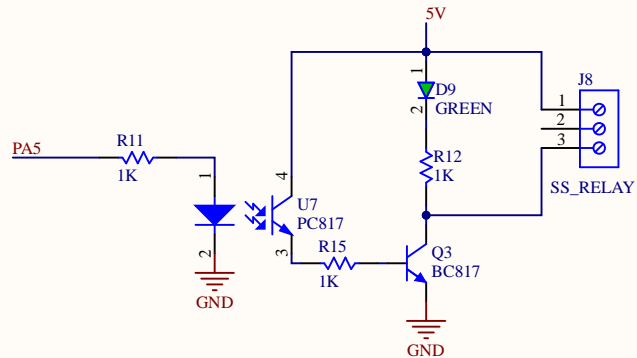
RELAY DRIVER



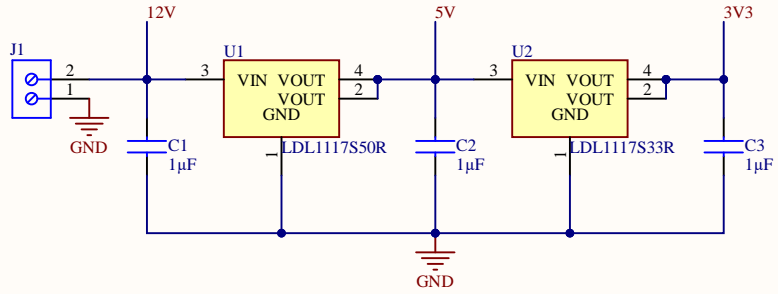
MOSFET DRIVER



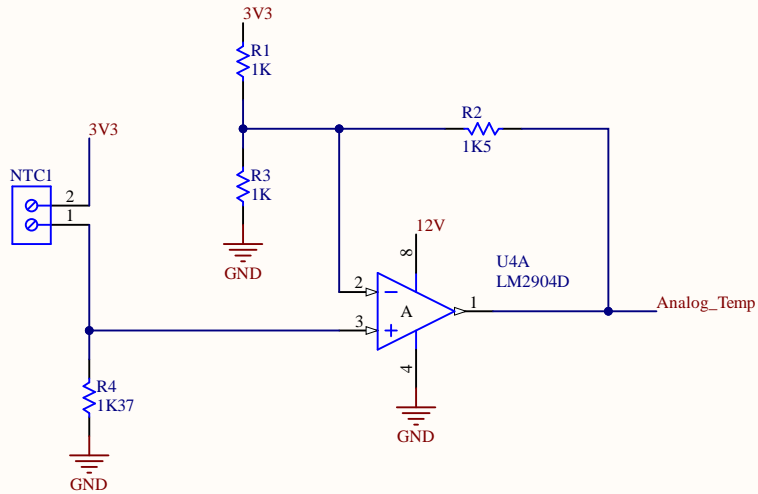
SSR DRIVER



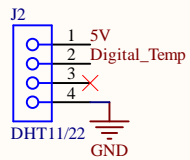
LINEAR REG STAGE



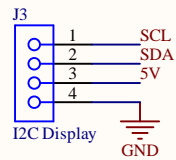
ANALOG TEMP SENSOR



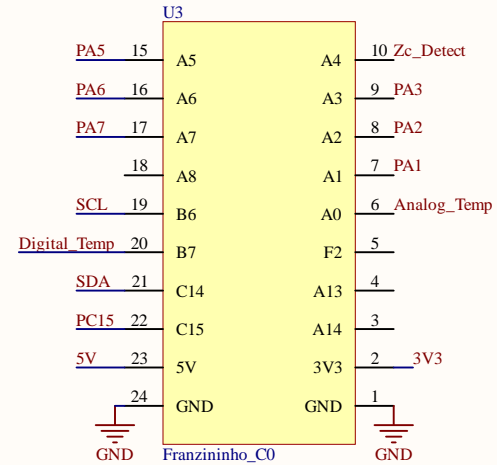
DIGITAL TEMP SENSOR



LCD DISPLAY I2C



FRANZININHO STM32C0



Comment	Description	Designator	Footprint	LibRef	Quantity
434133025816	434133025816 Tactile Switch, 0.05A, 16Vdc, 160Gf, Smd Rohs Compliant: Yes	B1, B2, B3, B4	WS-TASV_L4.2W3.2H2.5_4341x30258x6	CMP-03913-99472342-1	4
1µF	CAP CER 1UF 25V X7R 0805	C1, C2, C3, C4, C5, C6	0805-CAP	CL21B105KAFNNNE	6
LL4148	DIODE GEN PURP 100V 200MA SOD80	D1	SOD-80	LL4148	1
GREEN	LED GREEN CLEAR 0603 SMD R/A	D2, D9	0603-LED-R/A-GREEN	IN-S63ASG	2
1kV 1A	DIODE GEN PURP 1KV 1A DO41	D3, D5, D6, D7, D8	DO-41 PTH	1N4007G-T	5
5.6V	DIODE ZENER 5.6V 500MW LLDS	D4	SOD80C	BZV55-C5V6,135	1
691213710002		J1, NTC1	691213710002	CMP-1502-02526-2	2
DHT11/22		J2	61300411821	CMP-1502-01316-3	1
I2C Display		J3	61300411821	CMP-1502-01316-3	1
LOAD_MOSFET		J4	691213710003	CMP-1502-02527-2	1
RELAY_IN		J5	691213710002	CMP-1502-02526-2	1
LOAD_RELAY		J6	691213710003	CMP-1502-02527-2	1
AC_IN		J7	691213710002	CMP-1502-02526-2	1
SS_RELAY		J8	691213710003	CMP-1502-02527-2	1
Switch		J9	61300411821	CMP-1502-01316-3	1
DK1A-5V-F	DK1A-5V-F Electromechanical Relay 5VDC 125Ohm 10A SPST-NO (20x12.5x10)mm THT Power Relay	K1	FP-DK1A-5V-F-MFG	CMP-00287-40919127-1	1
12V Connect		P1	61300211121	CMP-1712-00002-6	1
GND Connect		P2	61300211121	CMP-1712-00002-6	1
STD30NF06LT4		Q1	DPAK(2Leads+Tab)	NFET	1
BC817	TRANS NPN 45V 0.5A SOT23	Q2, Q3	SOT-23-3	BC817-16LT1G	2
1K	RES SMD 1K OHM 1% 1/8W 0805	R1, R3, R7, R8, R9, R11, R12, R15	0805-RES	RMCF0805FT1K0OCT-ND	8
1K5	RES SMD 1K OHM 1% 1/8W 0805	R2	0805-RES	RMCF0805FT1K0OCT-ND	1
1K37	RES SMD 1K OHM 1% 1/8W 0805	R4	0805-RES	RMCF0805FT1K0OCT-ND	1
22R	RES SMD 1K OHM 1% 1/8W 0805	R5	0805-RES	RMCF0805FT1K0OCT-ND	1
4R7	RES SMD 1K OHM 1% 1/8W 0805	R6	0805-RES	RMCF0805FT1K0OCT-ND	1
470R	RES SMD 1K OHM 1% 1/8W 0805	R10	0805-RES	RMCF0805FT1K0OCT-ND	1
4K7	RES SMD 1K OHM 1% 1/8W 0805	R13	0805-RES	RMCF0805FT1K0OCT-ND	1
56K	RES SMD 1K OHM 1% 1/8W 0805	R14	0805-RES	RMCF0805FT1K0OCT-ND	1
LDL1117S50R	IC REG LINEAR 5V 1.2A SOT223	U1	SOT223	LDL1117S50R	1
LDL1117S33R	IC REG LINEAR 3V3 1.2A SOT223	U2	SOT223	LDL1117S33R	1
Franzininho_C0		U3	FranzininhoC0	Franzininho_C0	1
LM2904D	Low-Power Dual Operational Amplifier	U4	SO8	LM2904D	1
PM8841D	No Description Available	U5	SOT23-5_STM	PM8841D	1
PC817	Opto Coupler	U6, U7, U8	DIP4	PC817	3