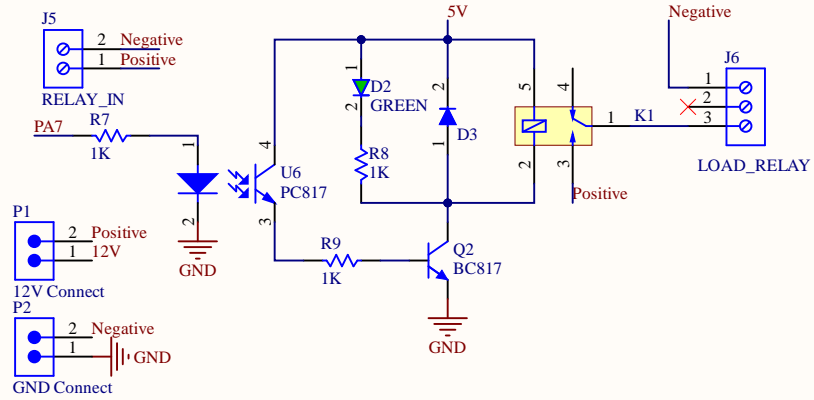
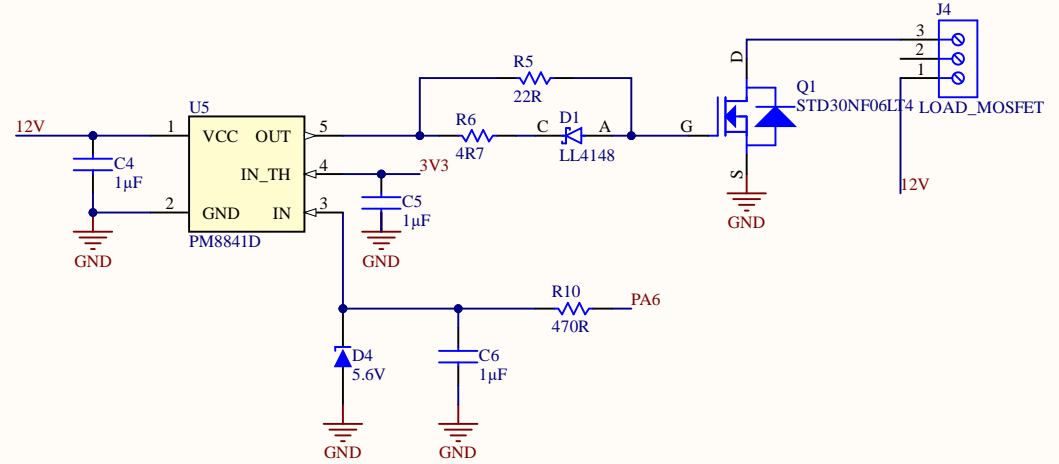


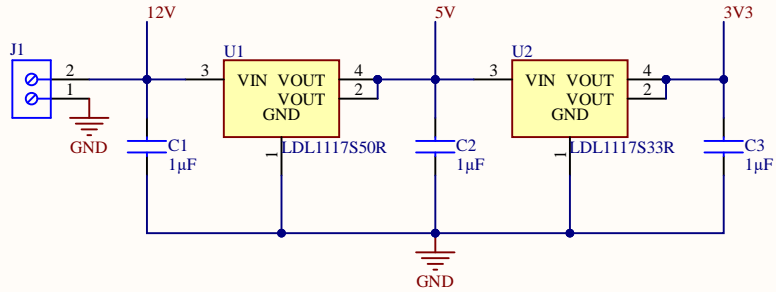
## RELAY DRIVER



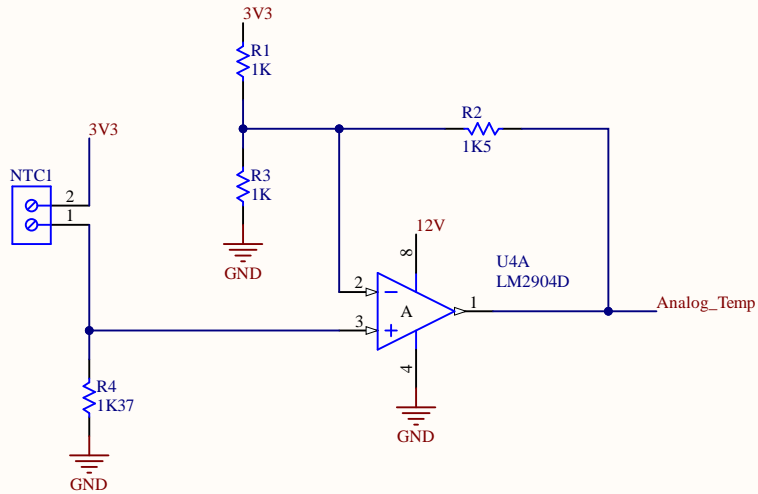
## MOSFET DRIVER



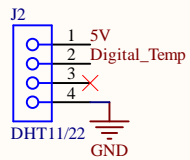
### LINEAR REG STAGE



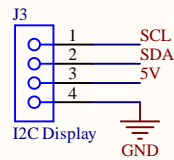
### ANALOG TEMP SENSOR



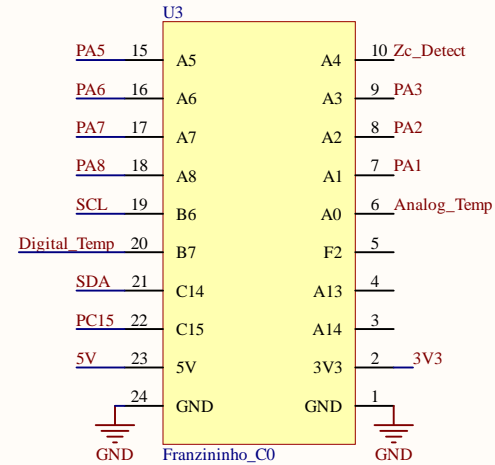
### DIGITAL TEMP SENSOR

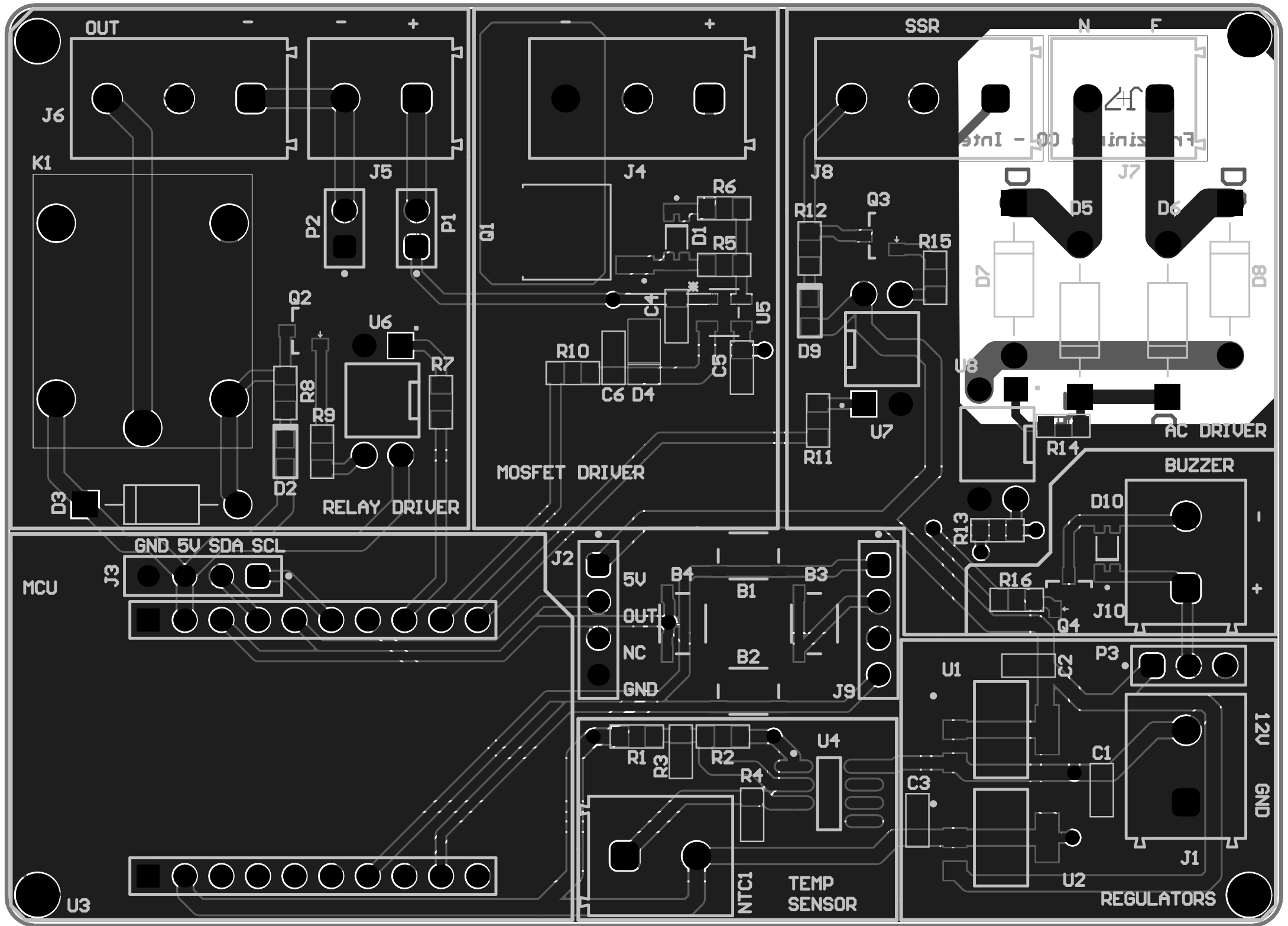


### LCD DISPLAY I2C



### FRANZININHO STM32C0





Line #	Name	Description	Designator	Revision ID	Revision State	Revision Status	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	691213710002		J1, J5, J7, J10, NTC1	CMP-1502-02526-2	Released	Up to date	5	Würth Electronics	691213710002	Volume Production	Mouser	710-691213710002	0,93	4,65
	61300411821		J2, J3, J9	CMP-1502-01316-3	Released	Up to date	3	Würth Electronics	61300411821	Unknown	Digikey	732-61300411821-ND	0,44	1,32
	691213710003		J4, J6, J8	CMP-1502-02527-2	Released	Up to date	3	Würth Electronics	691213710003	End of Life	Mouser	710-691213710003	1,44	4,32
	61300211121		P1, P2	CMP-1712-00002-6	Released	Up to date	2	Würth Electronics	61300211121	Volume Production	Mouser	710-61300211121	0,13	0,26
	61300311121		P3	CMP-1502-01062-3	Released	Up to date	1	Würth Electronics	61300311121	Volume Production	Digikey	732-5316-ND	0,13	0,13
	STD30NF06LT4		Q1		Not managed		1							
	Franzininho_C0		U3		Not managed		1							
	434133025816	434133025816 Tactile Switch, 0.05A, 16Vdc, 160Gf, Smd Rohs Compliant: Yes   Würth Elektronik 434133025816	B1, B2, B3, B4	CMP-03913-99472342-1	New From Design	Up to date	4	Würth Electronics	434133025816	Unknown	Digikey	732-13663-1-ND	0,54	2,16
	1µF	CAP CER 1UF 25V X7R 0805	C1, C2, C3, C4, C5, C6		Not managed		6	Sams	CL21B105KAFNNNE	Unknown	Digi-Key	709-1171-1-ND		
	1kV 1A	DIODE GEN PURP 1KV 1A DO41	D3, D5, D6, D7, D8		Not managed		5	Diodes	1N4007G-T	Volume Production	Digikey	1N4007GDICT-ND	0,27	1,35
	LL4148	DIODE GEN PURP 100V 200MA SOD80	D1, D10		Not managed		2	ON Semiconductor / Fairchild	LL4148	Volume Production	Digikey	LL4148FSCT-ND	0,11	0,22
	5.6V	DIODE ZENER 5.6V 500MW LLDS	D4		Not managed		1	Nexperia	BZV55-C5V6,135	Volume Production	Digikey	1727-1888-1-ND	0,14	0,14
	LDL1117S33R	IC REG LINEAR 3V3 1.2A SOT223	U2		Not managed		1							
	LDL1117S50R	IC REG LINEAR 5V 1.2A SOT223	U1		Not managed		1							
	GREEN	LED GREEN CLEAR 0603 SMD R/A	D2, D9		Not managed		2	Inolux	IN-S63ASG	Unknown	Digikey	1830-1030-1-ND	0,39	0,78
	LM2904D	Low-Power Dual Operational Amplifier	U4		Not managed		1							
	PM8841D	No Description Available	U5		Not managed		1							
	PC817	Opto Coupler	U6, U7, U8		Not managed		3							
	AX1RC2	RELAY GEN PURPOSE SPDT 15A 12V	K1		Not managed		1	MELTALTEX	AX1RC2					
	1K	RES SMD 1K OHM 1% 1/8W 0805	R1, R3, R7, R8, R9, R11, R12, R15, R16		Not managed		9	Stackpole Electronics	RMCF0805FT1K00	Volume Production	Digikey	RMCF0805FT1K00CT-ND	0,02	0,2
	1K5	RES SMD 1K OHM 1% 1/8W 0805	R2		Not managed		1	Stackpole Electronics	RMCF0805FT1K00	Volume Production	Digikey	RMCF0805FT1K00CT-ND	0,1	0,1
	1K37	RES SMD 1K OHM 1% 1/8W 0805	R4		Not managed		1	Stackpole Electronics	RMCF0805FT1K00	Volume Production	Digikey	RMCF0805FT1K00CT-ND	0,1	0,1
	22R	RES SMD 1K OHM 1% 1/8W 0805	R5		Not managed		1	Stackpole Electronics	RMCF0805FT1K00	Volume Production	Digikey	RMCF0805FT1K00CT-ND	0,1	0,1
	4R7	RES SMD 1K OHM 1% 1/8W 0805	R6		Not managed		1	Stackpole Electronics	RMCF0805FT1K00	Volume Production	Digikey	RMCF0805FT1K00CT-ND	0,1	0,1
	470R	RES SMD 1K OHM 1% 1/8W 0805	R10		Not managed		1	Stackpole Electronics	RMCF0805FT1K00	Volume Production	Digikey	RMCF0805FT1K00CT-ND	0,1	0,1
	4K7	RES SMD 1K OHM 1% 1/8W 0805	R13		Not managed		1	Stackpole Electronics	RMCF0805FT1K00	Volume Production	Digikey	RMCF0805FT1K00CT-ND	0,1	0,1
	56K	RES SMD 1K OHM 1% 1/8W 0805	R14		Not managed		1	Stackpole Electronics	RMCF0805FT1K00	Volume Production	Digikey	RMCF0805FT1K00CT-ND	0,1	0,1
	BC817	TRANS NPN 45V 0.5A SOT23	Q2, Q3, Q4		Not managed		3	ON Semiconductor	BC817-16LT1G	Volume Production	Digikey	BC817-16LT1GOSCT-ND	0,15	0,45