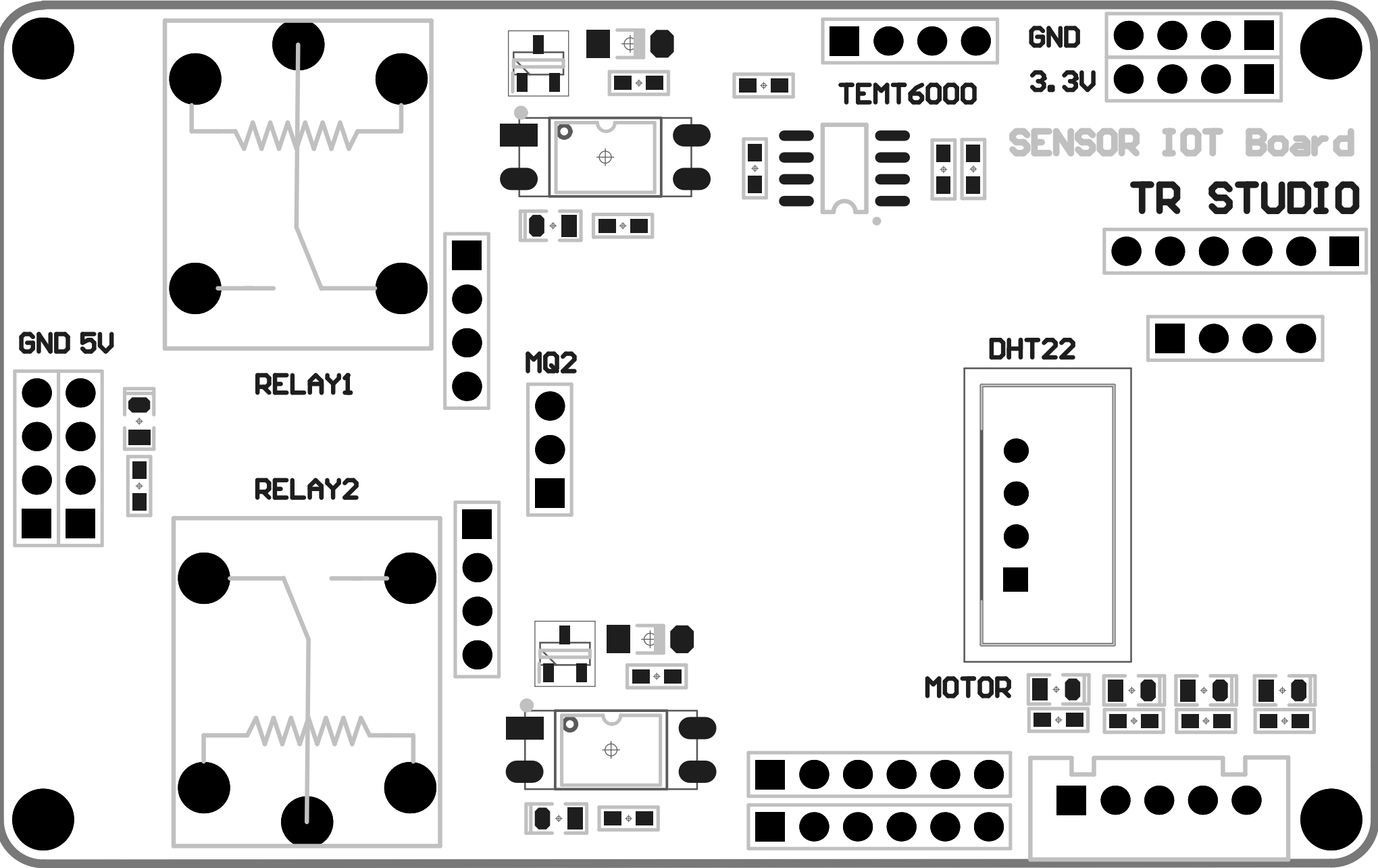
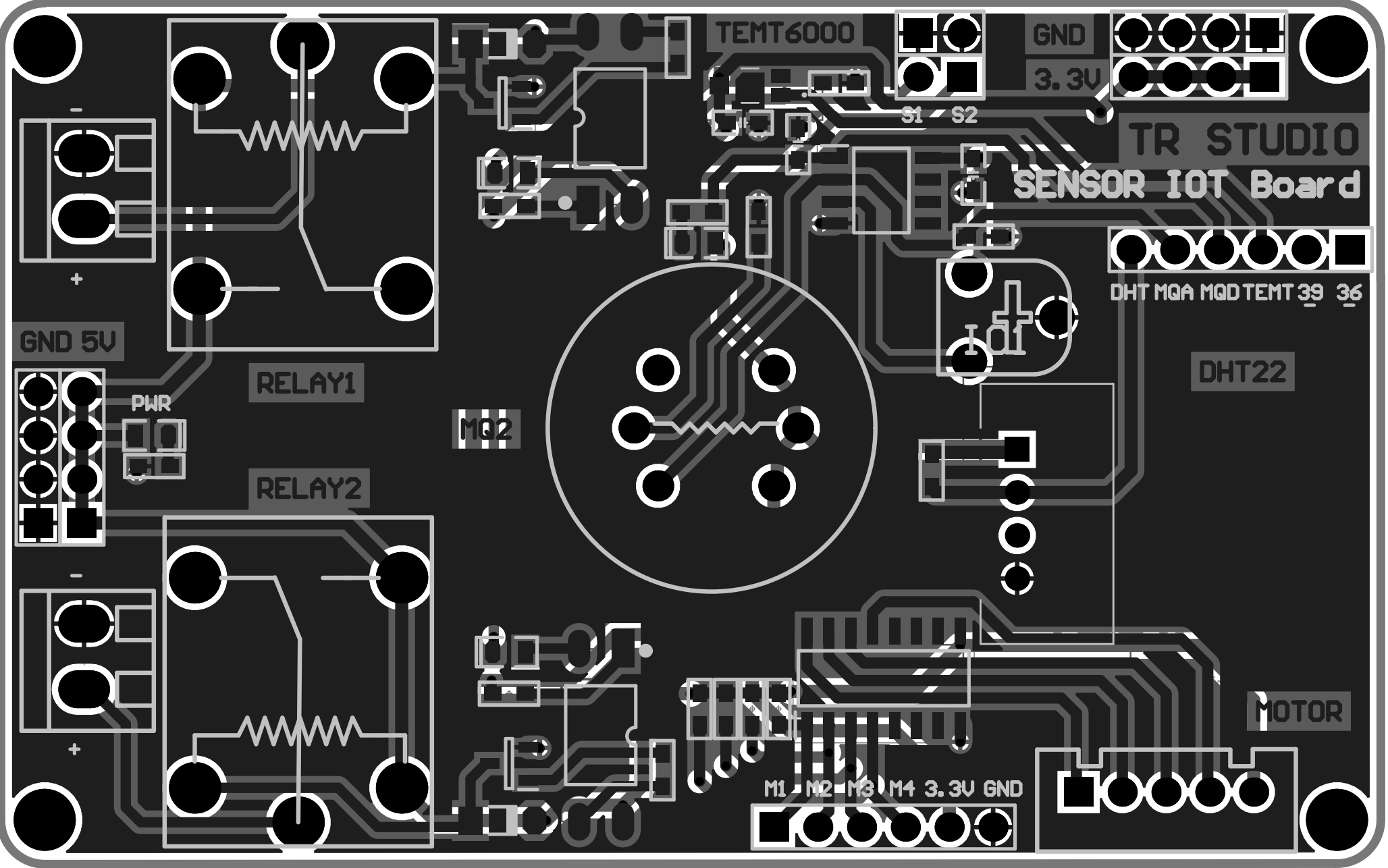


Title		
Size A4	Number	Revision
Date:	6/19/2023	Sheet of
File:	D:\Projects\...\ESP32_board.SchDoc	Drawn By:





TEMP6000

GND

3.3V

S1 S2

TR STUDIO

SENSOR IOT Board

DHT MQA MQD TEMP 39 36

DHT22

GND 5V

RELAY1

PWR

MQ2

RELAY2

MOTOR

M1 M2 M3 M4 3.3V GND

Comment	Description	Designator	Footprint	LibRef	Quantity
104	Capacitor	C1, C2, C3	C0603_M	CAP	3
Diode	Default Diode	D1, D4	MINI_MELF (LL34)	Diode	2
LED0	Typical INFRARED GaAs LED	D2, D5	LED0805_B	LED0	2
RED	Typical INFRARED GaAs LED	D3, D6	LED0805_B	LED0	2
DHT22	Integrated Circuit	IC1	DHT22	DHT22	1
TEMT6000	Integrated Circuit	IC2	TEMT6000	TEMT6000	1
LM393DG	Integrated Circuit	IC3	LM393	LM393DG	1
SRD-05VDC-SL-C	5V一组转换	JK1, JK2	SRD-C_B	SRD-05VDC-SL-C	2
MQ		MQ2	QM-2	MQ	1
Header 2	Header, 2-Pin	P1, P2	KF128-3.81-2P	Header 2	2
Header 2	Header, 2-Pin	P2, P3	HDR2.54-LI-2P	Header 2	2
MOTOR	5P接插件	P3	XH2.54-LI-5P	Header 5	1
Header 4	Header, 4-Pin	P7, P8, P12, P14	HDR2.54-LI-4P	Header 4	4
Header 6	Header, 6-Pin	P9, P13	HDR2.54-LI-6P	Header 6	2
S8050G	Transistor BJT NPN	Q1, Q2	8050	S8050G	2
Res1	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R14, R15	R0603_M	Res1	14
Res Tap	Tapped Resistor	R13	RM065	Res Tap	1
Optoisolator1	4-Pin Phototransistor Optocoupler	U1, U2	SOP4-W2.54_N	Optoisolator1	2
ULN2003V12S16-13	Integrated Circuit	U3	ULN2003	ULN2003V12S16-13	1