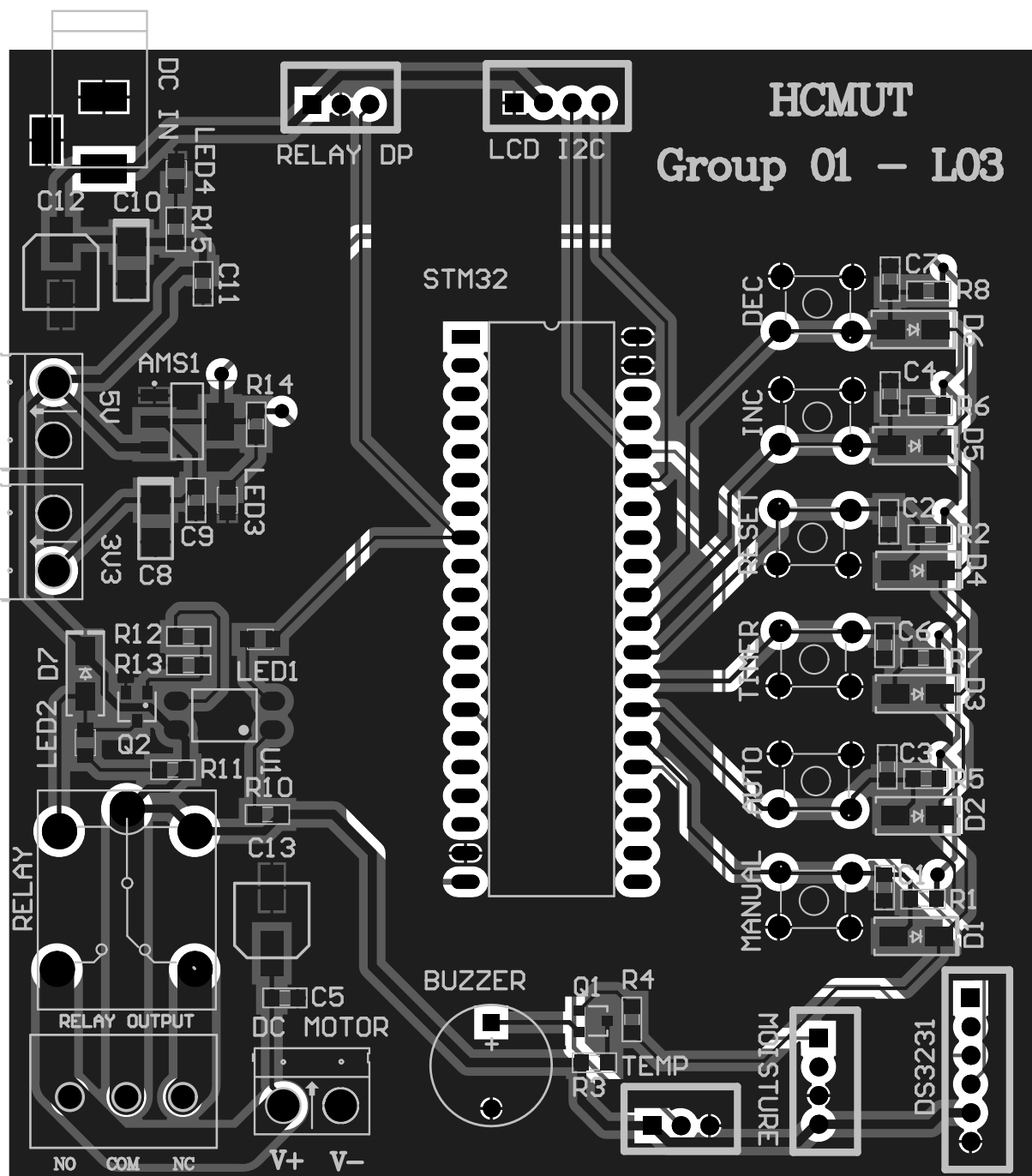


Title		
Size A3	Number	Revision
Date	11/30/2025	Sheet of
File:	D:\Downloads\Sheet1 (3).SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
Header 2	Header 2 (Green)	3V3, 5V, DC MOTOR	HED2	Hed2	3
AMS1117-3.3V	Dán	AMS1	SOT223	AMS1117 SMD	1
SW	Switch button 4 pin	AUTO, DEC, INC, MANUAL, RESET, TIMER	SW4	SW4	6
	Còi chip	BUZZER	Coi Chip Speacker	Coi Chip Speaker	1
10nF	Cap SMD	C1, C2, C3, C4, C6, C7	SM-0805	CM	6
100nF	Cap SMD	C5, C9, C11	SM-0805	CM	3
22uF	Dán	C8, C10	tu tantalum smd3528	Tu tantalum 100uF 6.3V SMD3528	2
100uF	Dán	C12, C13	tu nhôm 6.3 (d)	Tu Nhôm 100uF 16V	2
SS14	Dán	D1, D2, D3, D4, D5, D6, D7	DIODE SMA	Diode SS14 (1N5819)	7
JACK DC 5.5	JACK DC 5.5	DC IN	JACK DC 5.5	JACK DC 5.5	1
Header 6P 2.54 Duc Thang	Cắm	DS3231	XH2.54M-6	Header 6P 2.54 Duc Thang	1
Header 4P 2.54 Duc Thang	Cắm	LCD I2C	XH2.54M-4	Header 4P 2.54 Duc Thang	1
LED 0805	Dán	LED1, LED3	LED-0805-Blue	LED 0805 Xanh Duong	2
LED 0805	Dán	LED2, LED4	LED-0805-Green	LED 0805 Xanh La	2
Header 4P 2.54	Cắm	MOISTURE	XH2.54M-4	Header 4P 2.54 Duc Thang	1
HF	SOT-23	Q1, Q2	SOT-23	Trans C1815 HF SMD	2
1K	Resistor SMD	R1, R2, R4, R5, R6, R7, R8, R10, R11, R12, R15	SM-0805	RM	11
10K	Resistor SMD	R13	SM-0805	RM	1
470	Resistor SMD	R14	SM-0805	RM	1
Relay	Relay 5 Chan	RELAY	Relay 5 Chan SRD	Relay 5 Chan SRD	1
Header 3P 2.54 Duc Thang	Cắm	RELAY DP, TEMP	XH2.54M-3	Header 3P 2.54 Duc Thang	2
Header 3	Header 3 (Green)	RELAY OUTPUT	HED3	Hed3	1
KIT STM32F103C8T6	KIT STM32F103C8T6 Bluepill	STM32	STM32F103 KIT	STM32f103 Bluepill	1
OPTO PC817 SMD	Single Opto	U1	SOP4	OPTO PC817 SMD	1