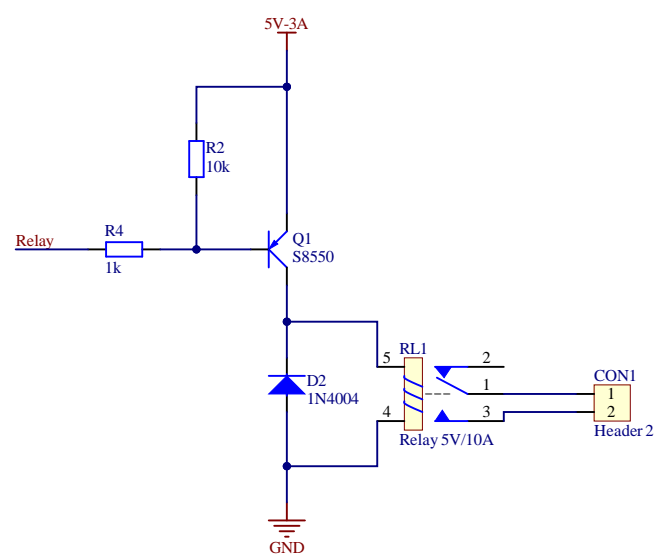
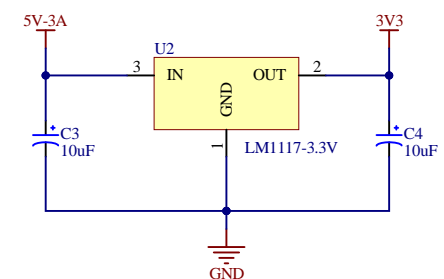
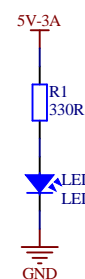
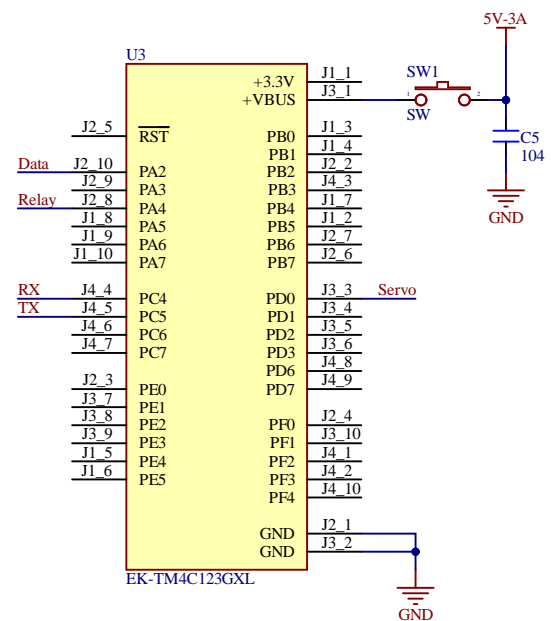


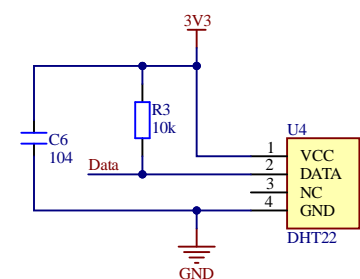
POWER SUPPLY



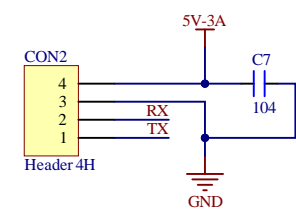
RELAY CONTROL



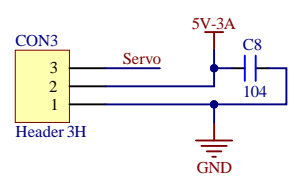
KIT TIVA C



DHT22



ESP32-CAM CONNECTOR



SERVO CONTROL

Title Embedded Programming Project			HCMUT	Cannot open file D:\OneDrive - Hanoi University
Size: A4	Number: *	Revision: *	*	
Author: Phong Nguyen	Checked: *	Approved: *	*	
Date: 5/24/2023	Time: 7:50:01 AM	Sheet 1 of 1	*	
File: Sheet1.SchDoc				

Comment	Description	Designator	Footprint	LibRef	Quantity
100uF/16V	Cap 100uF/35V - 470uF/16V	C1	CP1.5/3.4	CP3	1
1000uF/16V	Cap 1000uF/16V - 220uF/50V	C2	CP1.5/3.4	CP4	1
10uF	Cap P 0,1uF < 22uF , 16 - 50V	C3, C4	CP1/2	CP1	2
104	Cap np 104 => 105pF	C5, C6, C7, C8	CN2	CN2	4
Header 2	Header 2 (Green)	CON1	HED2	Hed2	1
Header 4H	Header, 4-Pin, Right Angle	CON2	HDR1X4H	Header 4H	1
Header 3H	Header, 3-Pin, Right Angle	CON3	HDR1X3H	Header 3H	1
1N5822	Diode Schottky	D1	DO-201AD	Diode Schottky	1
1N4004		D2	DO-41	Diode	1
Jack DC	Jac DC input	JDC1	DC-IN	DCIN	1
100uH - 3A	Inductor	L1	L-DIP-M-15x7	L-DIP-1	1
LED	LED Single colour Green and Red	LED1	LED-3	LED	1
S8550	P 600mW, EBC	Q1	QTO-92	PNP_EBC	1
330R	Resistor 1/4W	R1	RES-1/4W-SMALL	RES 1/4W	1
10k	Resistor 1/4W	R2, R3	RES-1/4W-SMALL	RES 1/4W	2
1k	Resistor 1/4W	R4	RES-1/4W-SMALL	RES 1/4W	1
Relay 5V/10A	Relay SPDT, 5VDC/10A 5 Pin	RL1	RL_SPDT_10A	Relay 1	1
SW	Switch button 2 pin	SW1	SW-DIP1	SW2	1
LM2576T-5.0	SIMPLE SWITCHER; 3A Step-Down Voltage Regulator	U1	LM2576t	LM2576T-5.0	1
LM1117-3.3V	800mA Low-Dropout Linear Regulator	U2	TO220-123	LM1117	1
EK-TM4C123GXL	ARM® Cortex®-M4F Based MCU TM4C123G LaunchPad®, c Evaluation Kit	U3	MODULE_EK-TM4C123GXL	EK-TM4C123GXL	1
DHT22	Capacitive-type humidity and temperature module/sensor	U4	DHT22	DHT22	1