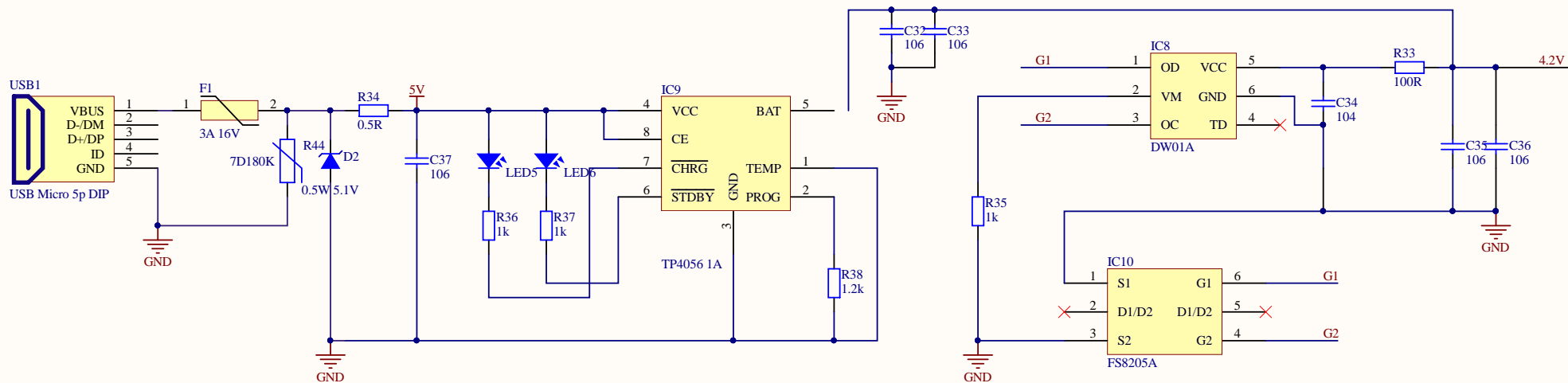


Mạch BOOST 5V

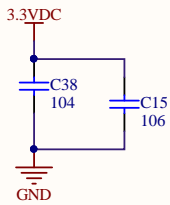
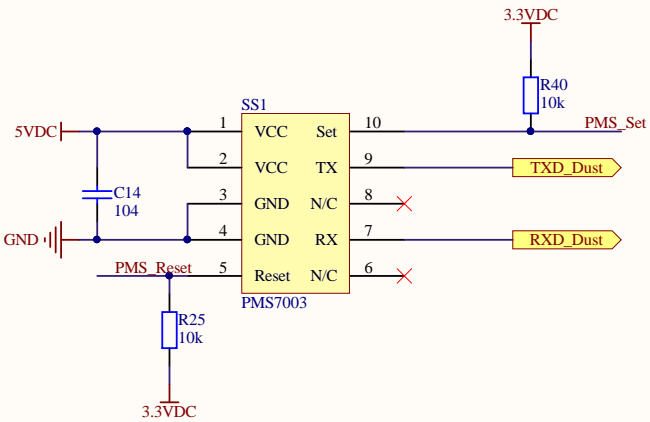
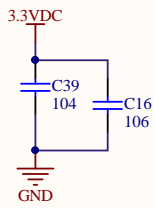
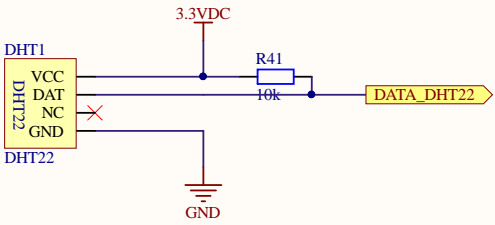
Switch chuyển mạch

Mạch LDO 3.3V



Mạch sạc

Title		
Power		
Size	Number	Revision
A4		
Date:	11/7/2022	Sheet
File:	E:\A.DATN\Power.SchDoc	Drawn By: Đặng Trung Anh



DHT22

Title			Sensor
Size	Number		Revision
A4			
Date:	11/7/2022		Sheet
File:	E:\A.DATN\Sensor.SchDoc		Drawn By: Đặng Trung Anh

Comment	Description	Designator	Footprint	LibRef	Quantity
Nut Nhan 2 Chan SMD 3x6x2.5	Nut Nhan 2 Chan SMD 3x6x2.5	BT1	Nut Nhan 2 Chan SMD 3x6x2.5	Nut Nhan 2 Chan SMD 3x6x2.5	1
104	Dán	C1, C2, C3, C5, C14, C29, C34, C38, C39	Tu 0805	Tu 104, Tu 0805 104 50V 10%	9
106	Dán	C4, C6, C15, C16, C27, C28, C32, C33, C35, C36, C37	Tu 0805	Tu 0805 106 16V 10%	11
22uF	Cắm	C26	tu hoa 5mm	Tu Hoa 22uF 35V 5x11	1
226	Dán	C30, C31	tu 0805	Tu 0805 224 50V 10%, Tu 0805 226 16V 20%	2
SS14	Dán	D1	DIODE SMA	Diode SS14 (1N5819)	1
0.5W 5.1V	Dán	D2	DIODE ZENNER SMD SOD80	Diode Zener 5.1V	1
SS34	Dán	D6	DO_SMD_NEW	Diode SS34 (1N5822)	1
DHT22		DHT1	DHT22	DHT22	1
3A 16V	FUSE POLYSWITCH RUE SERIES 3A 16V	F1	FUSE-RUEF250U-2	Cau chi tu phuc hoi 3A 16V	1
120R	Ferrite bead 120 Ohm at 100 MHz 2A 0603 SMD	FB1, FB2	INDC1608N	FERRITE_120R_2.5A- 0603	2
Header 2P 2.54 Duc Thang	Cắm	H2	XH2.54M-2	Header 2P 2.54 Duc Thang	1
W25Q16		IC1	W25Q16 -SOIC8	W25Q16	1
AMS1117-3.3V		IC6	SOT223	AMS1117 3.3V	1
MT3608		IC7	SOT23-6A	MT3608_Boost	1
DW01A		IC8	SOT23127P600-8N	DW01A	1
TP4056 1A		IC9	SOP8	TP4056 1A	1
FS8205A		IC10	SOT-23-6L	FS8205A	1
OLED 1.3INCH	Cắm	JP1	JP 1x4 CT - OLED	JP 1x4 2.54 Cai Thang	1
JP 1x9 2.54	Cắm	JP2	JP 1x9 DT	JP 1x9 2.54 Duc Thang	1
IND_22uH-3A	Fixed Inductors MSS1038 SMT Shielded 15 uH 20 % 3.8 A	L3	IND_22_12X12_SMD	IND_22uH-3A-30%- SMD_1	1
LED SMD		LED1, LED6	SM-LED-0805-Blue	LED-SMD-0805	2
LED SMD		LED4, LED5	SM-LED-0805-Red	LED-SMD-0805	2
AO3401 30V/4A	MOSFET P-CH 30V 4A SOT23	O2	SOT23_3	AO3401	1
10k	Dán	R1, R2, R3, R4, R5, R6, R16, R17, R18, R25, R27, R29, R31, R40, R41	tro smd 0805	Tro 0805 5% 10k, Tro 0805 5% 12k	15
47R	Dán	R7, R8, R11, R12	tro smd 0805	Tro 0805 5% 47R	4
100k	Dán	R13	tro smd 0805	Tro 0805 5% 100k	1
4.7k	Dán	R14, R15	tro smd 0805	Tro 0805 1% 10k	2
1k	Dán	R19, R35, R36, R37	tro smd 0805	Tro 0805 5% 100R Tro 0805 5% 1k	4
1.8k	Dán	R26	tro smd 0805	Tro 0805 1% 1.8k	1
2.2k	Dán	R28	tro smd 0805	Tro 0805 5% 2.2k	1
100R	Dán	R30, R33	tro smd 0805	Tro 0805 5% 100R	2
0.5R	Dán	R34	tro smd 0805	Tro 0805 5% 0.5R	1
1.2k	Dán	R38	tro smd 0805	Tro 0805 5% 1.2k	1
910R	Dán	R39	tro smd 0805	Tro 0805 1% 910R	1
3.3k	Dán	R42, R43	tro smd 0805	Tro 0805 1% 3.3k	2
7D180K	VARISTOR 7V 18A DISC 7MM	R44	VARISTOR-7D180K	Varistor 7D180K	1
PMS7003		SS1	PMS7003	PMS7003	1
ESP32-WROOM-32U	Wi-Fi/BT BLE Module ESP32- D0WD	U1	ESP32-WROOM-32	ESP32-WROOM-32U	1
USB Micro 5p DIP	USB Type B	USB1	USB Micro 5p DIP	USB Micro 5p DIP	1
100K	Cắm	VR2	Bien Tro Tam Giac Dung	Bien tro tam giac 100K Dung	1