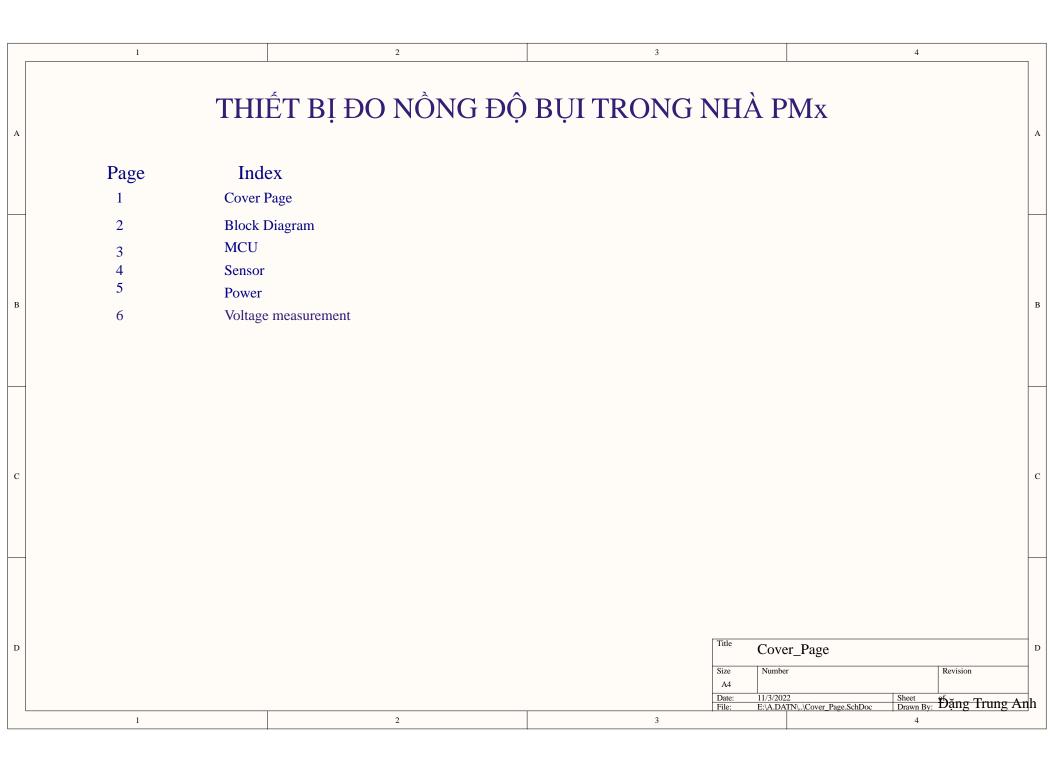
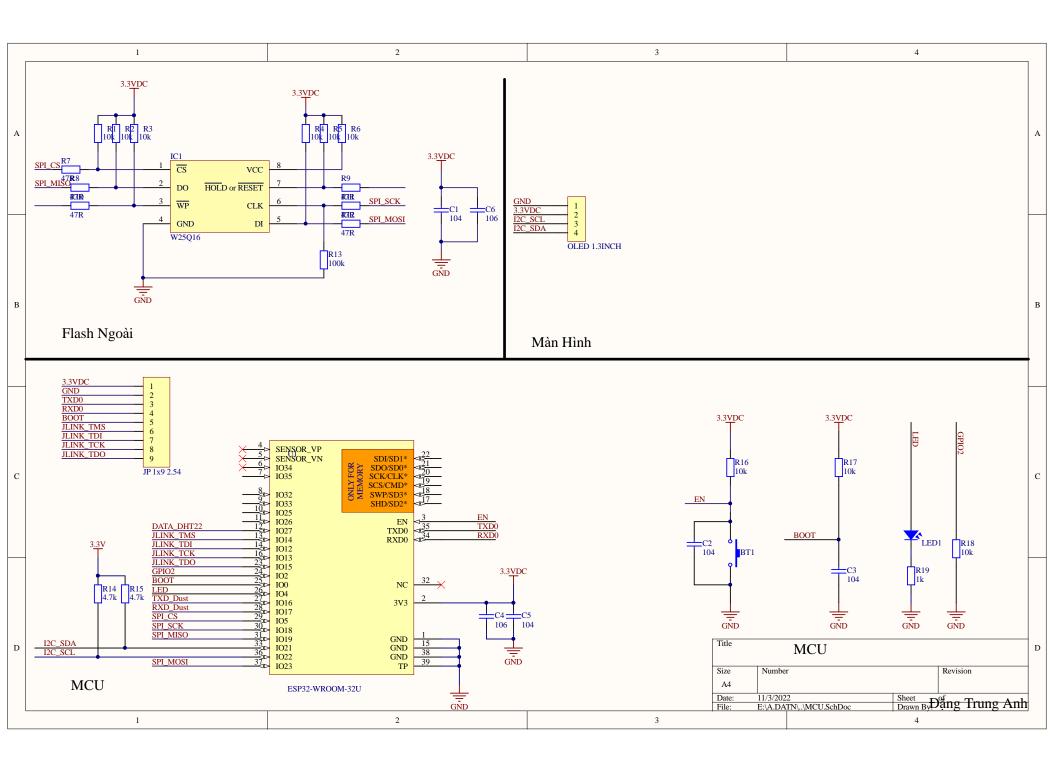
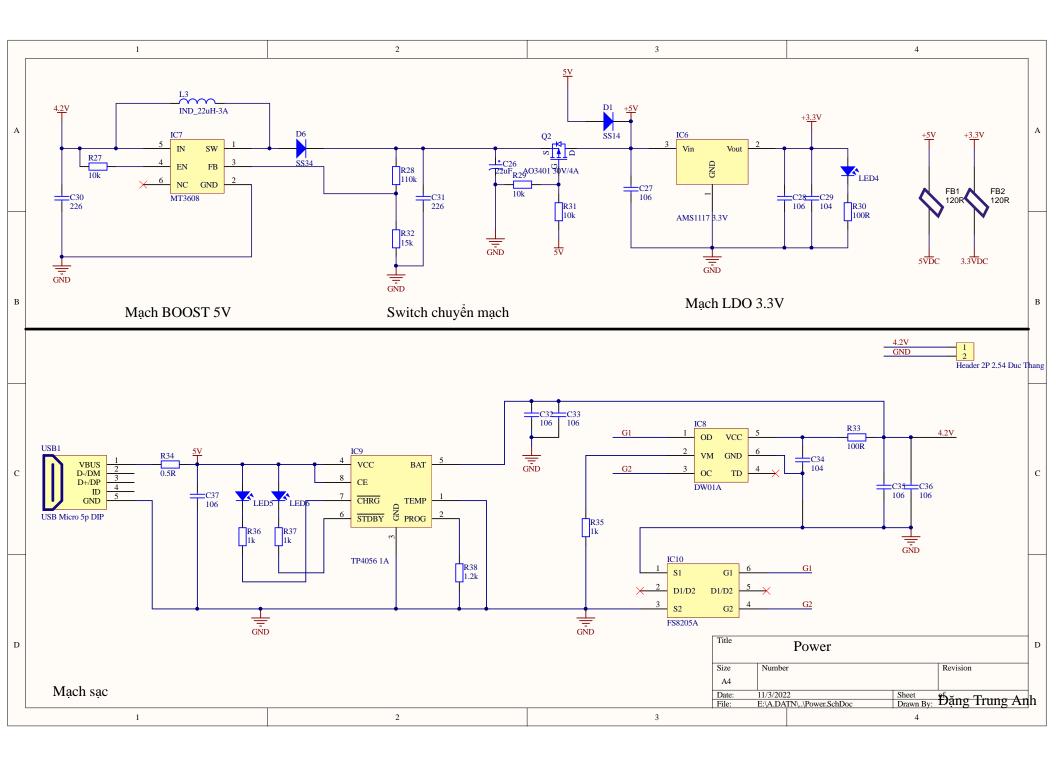
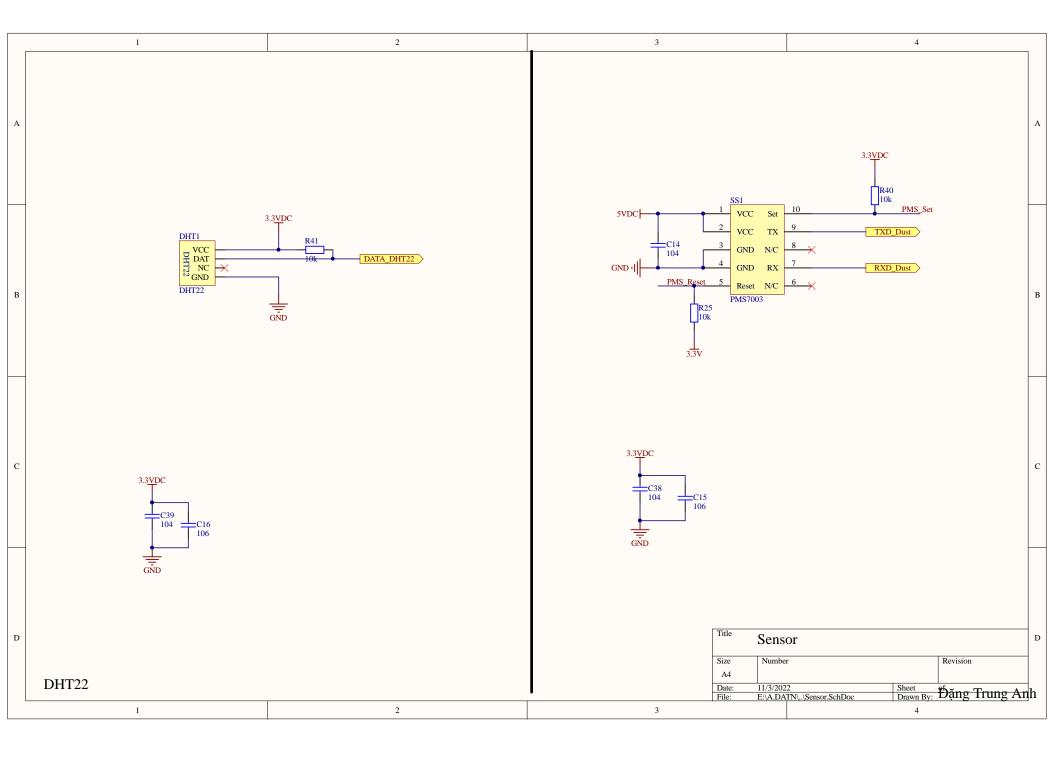
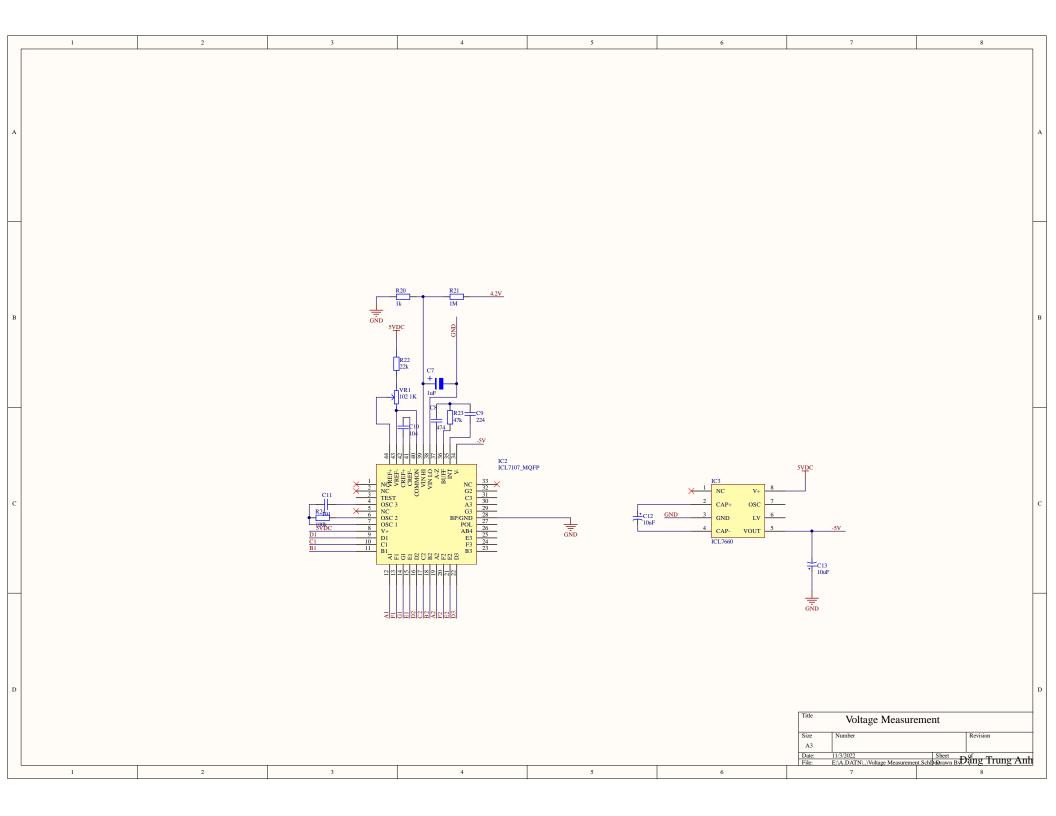
	1	2	3	4
A				A
В				В
С				С
D	1	2	Size Numt	ck_Diagram Der Revision 122 Sheet Jäng Trung Anh ATN\.\Block_Diagram.SchDoc Drawn By: Däng Trung Anh 4











Comment	Description	Designator	Footprint	LibRef	Quantity
Nut Nhan 2 Chan	Nut Nhan 2 Chan		Nut Nhan 2 Chan	Nut Nhan 2 Chan	
SMD 3x6x2.5	SMD 3x6x2.5	BT1	SMD 3x6x2.5	SMD 3x6x2.5	1
		C1, C2, C3, C5, C10,		T 404 T 000F 404	
104	Dán	C14, C29, C34, C38, C39	Tu 0805	Tu 104, Tu 0805 104 50V 10%	10
101	Dun	C4, C6, C15, C16,	14 0000	001 1070	
		C27, C28, C32, C33,		Tu 0805 106 16V	
106	Dán	C35, C36, C37	Tu 0805	10%	11
1uF	Dán	C7	tu nhom 4 (B)	Tu Nhom 1uF 50V	1
				Tu 0805 474 50V	
474	Dán	C8	tu 0805	10%	1
224	Dán	C9	tu 0805	Tu 0805 224 50V 10%	1
224	Daii	C7	14 0003	Tu 0805 101 50V	'
101	Dán	C11	tu 0805	20%	1
				Tu Hoa 10uF 25V	
10uF	Cấm	C12, C13	tu hoa 4mm	4x7	2
22.5	C#	02/	h. h F	Tu Hoa 22uF 35V	
22uF	Cấm	C26	tu hoa 5mm	5x11 Tu 0805 224 50V	!
				10%, Tu 0805 226	
226	Dán	C30, C31	tu 0805	16V 20%	2
				Diode SS14 (
SS14	Dán	D1	DIODE SMA	1N5819)	1
CC24	D4-	D/	DO CMD NEW	Diode SS34 (
SS34	Dán	D6	DO_SMD_NEW	1N5822)	'
DHT22	Forrito bond 120	DHT1	DHT22	DHT22	1
	Ferrite bead 120 Ohm at 100 MHz 2A			FERRITE_120R_2.5A-	
120R	0603 SMD	FB1, FB2	INDC1608N	0603	2
Header 2P 2.54 Duc				Header 2P 2.54 Duc	
Thang	Cắm	H2	XH2.54M-2	Thang	1
W25Q16		IC1	W25Q16 -SOIC8	W25Q16	1
ICL7107_MQFP		IC2	ICL7107_MQFP44	ICL7107_MQFP	1
ICL7660		IC3	SOIC8_ICL7660	ICL7660_SOIC8	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
1 30203A		1010	301-23-0L	JP 1x4 2.54 Cai	'
OLED 1.3INCH	Cắm	JP1	JP 1x4 CT - OLED	Thang	1
				JP 1x9 2.54 Duc	
JP 1x9 2.54	Cẩm	JP2	JP 1x9 DT	Thang	1
	Fixed Inductors				
	MSS1038 SMT Shielded 15 uH 20			IND_22uH-3A-30%-	
IND_22uH-3A	% 3.8 A	L3	IND_22_12X12_SMD	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
EED SIVID	MOSFET P-CH 30V	ELD4, ELDS	SIVI-LED-0003-RCG	LED-SIVID-0003	
AO3401 30V/4A	4A SOT23	Q2	SOT23_3	AO3401	1
		R1, R2, R3, R4, R5,			
		R6, R16, R17, R18,			
10k	Dán	R25, R27, R29, R31, R40, R41	tro smd 0805	Tro 0805 5% 10k, Tro 0805 5% 12k	15
100	Dull	R7, R8, R9, R10, R11,	a o sina ooos	110 0000 3% 12K	15
47R	Dán	R12	tro smd 0805	Tro 0805 5% 47R	6
100k	Dán	R13, R24	tro smd 0805	Tro 0805 5% 100k	2
4.7k	Dán	R14, R15	tro smd 0805	Tro 0805 1% 10k	2
		R19, R20, R35, R36,		Tro 0805 5% 100R,	_
1k	Dán	R37	tro smd 0805	Tro 0805 5% 1k	5
1M	Dán	R21	tro smd 0805	Tro 0805 5% 1M	1
22k	Dán	R22	tro smd 0805	Tro 0805 5% 22k	1
47k	Dán	R23	tro smd 0805	Tro 0805 5% 47k	1
110k	Dán	R28	tro smd 0805	Tro 0805 1% 110k	1
100R	Dán	R30, R33	tro smd 0805	Tro 0805 5% 100R	2
15k	Dán	R32	tro smd 0805	Tro 0805 1% 15k	1
0.5R	Dán	R34	tro smd 0805	Tro 0805 5% 0.5R	1
					1
1.2k	Dán	R38	tro smd 0805	Tro 0805 5% 1.2k	
PMS7003	Wi-Fi/BT BLE	SS1	PMS7003	PMS7003	1
	Module ESP32-				
ESP32-WROOM-32U	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
· ·			· ·	· ·	
102 1K	Cắm	VR1	VR Tam Giac	Bien tro tam giac 1K	1