安森克
ANSINKE

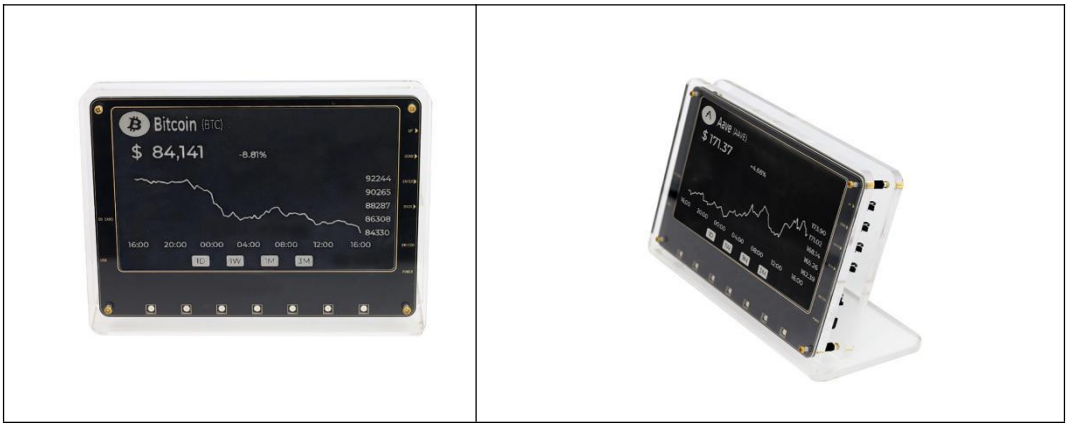
PART NO: EPL075N

ISSUED DATE: 2025-11-25

Proposed by			Customers' Approval
Designed by	Checked by	Approved by	

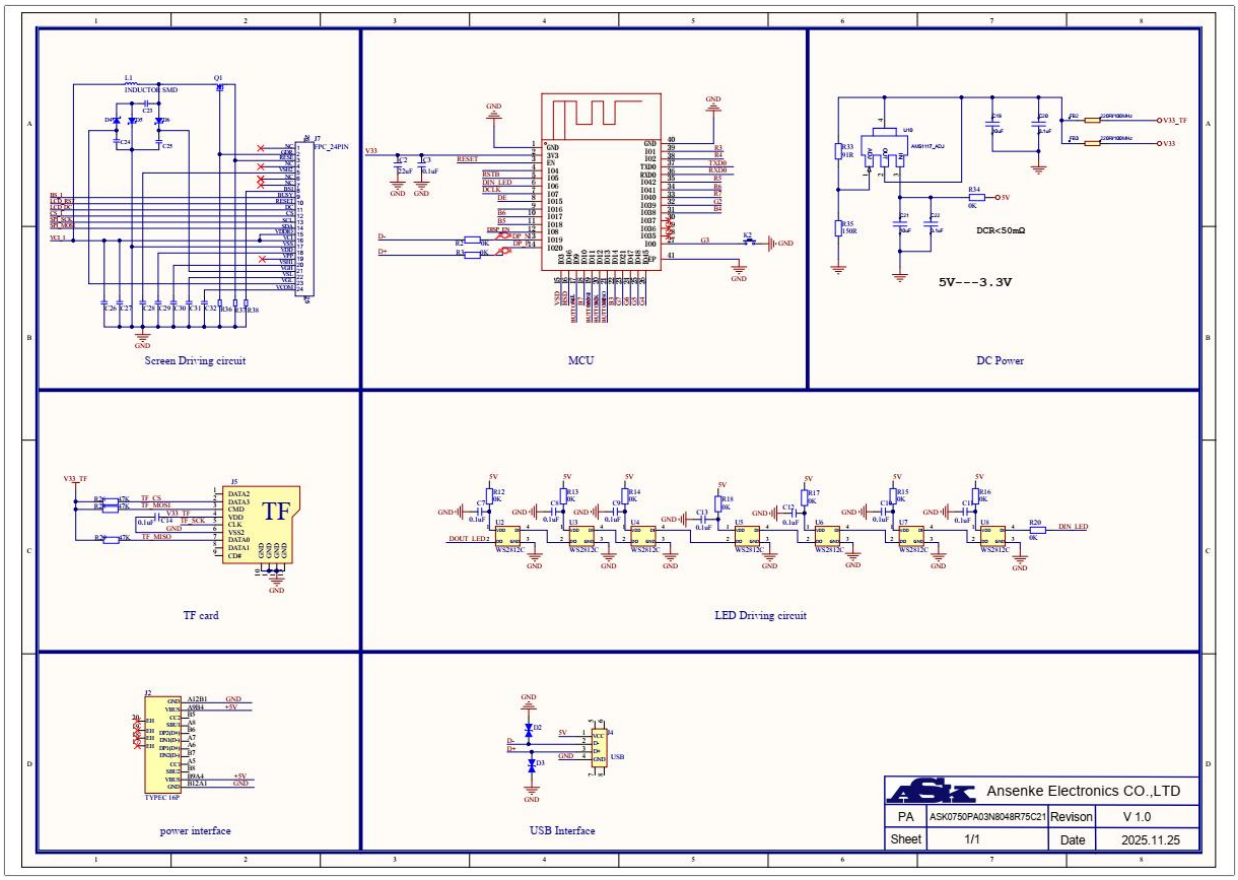
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1. Appearance



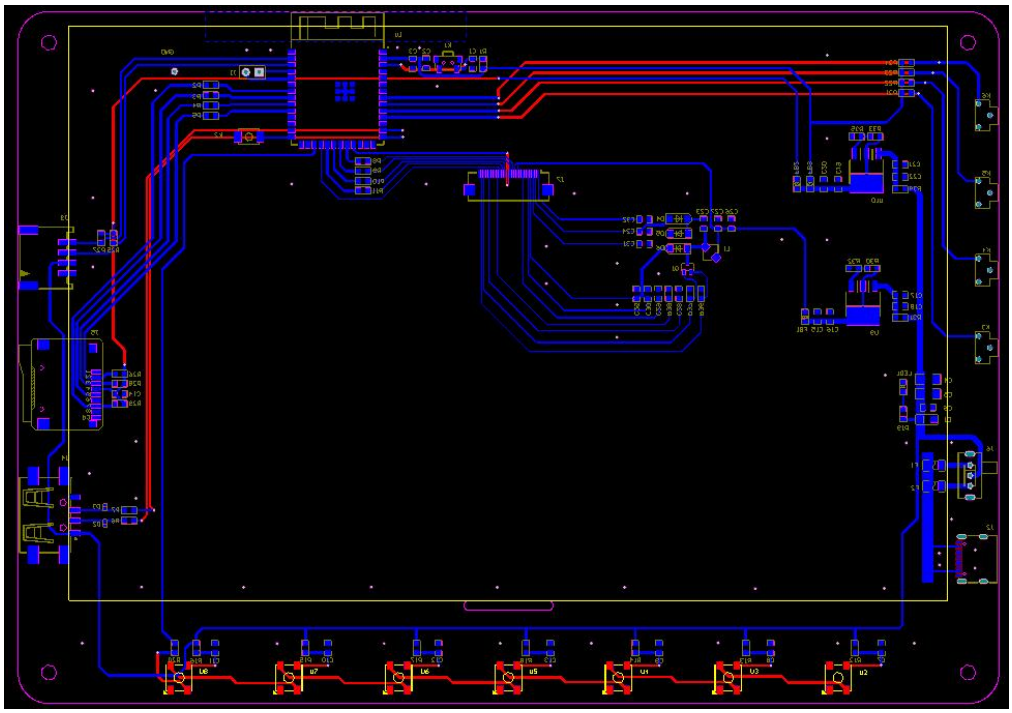
2. Schematic and PCB Diagram

2.1 Schematic Diagram

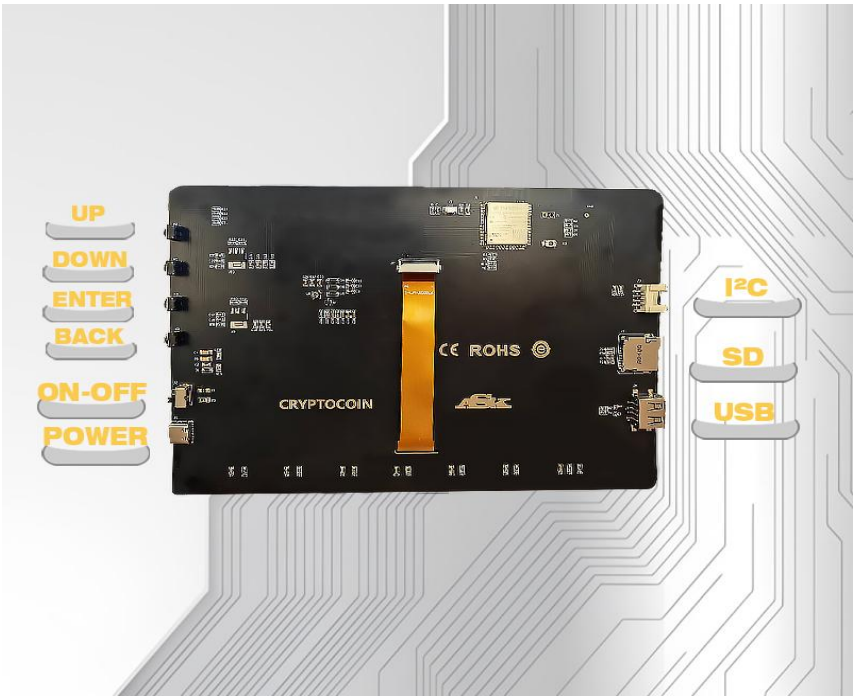


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2.2 PCB diagram

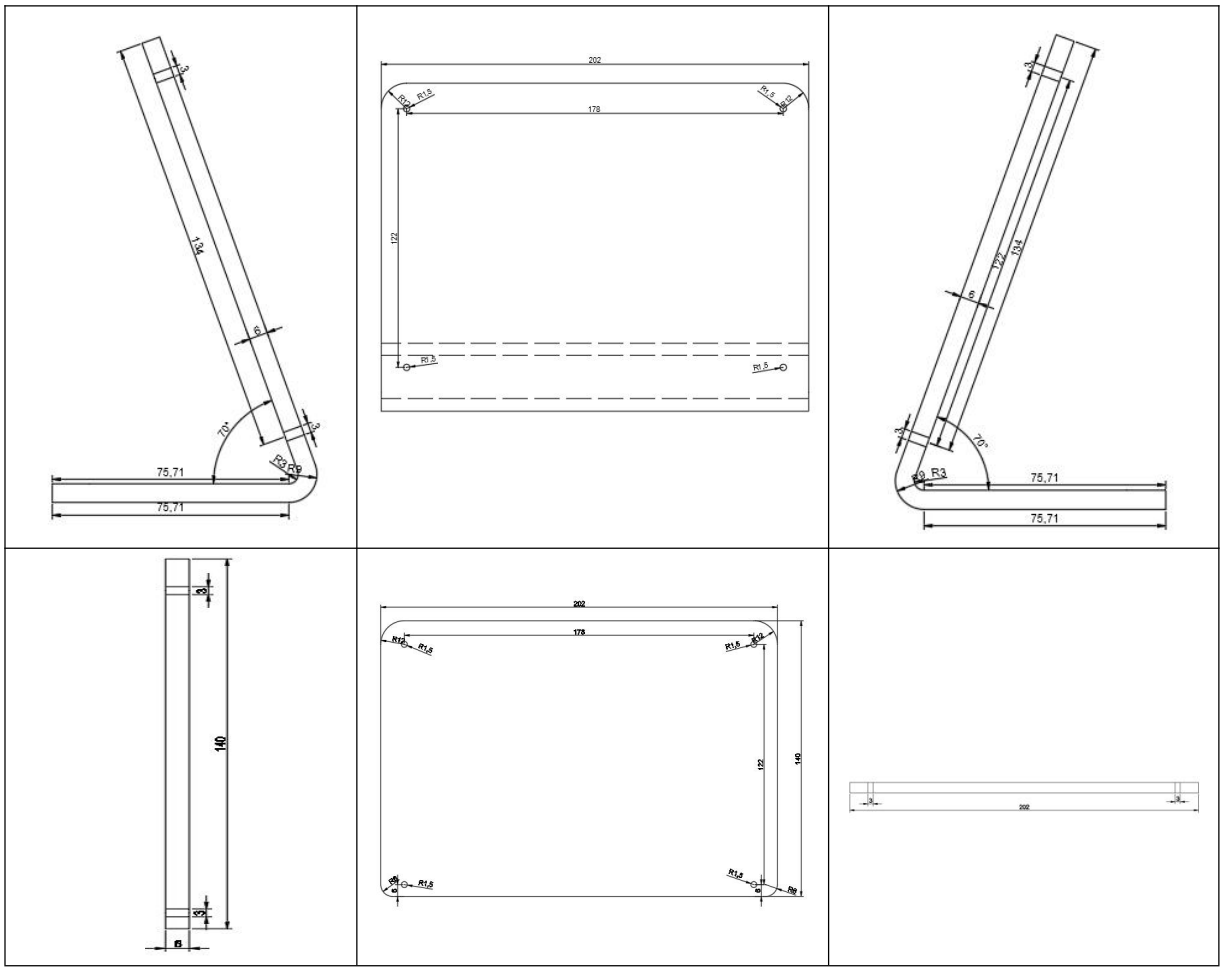


3. Functional Interface diagram



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4. Outline Dimension



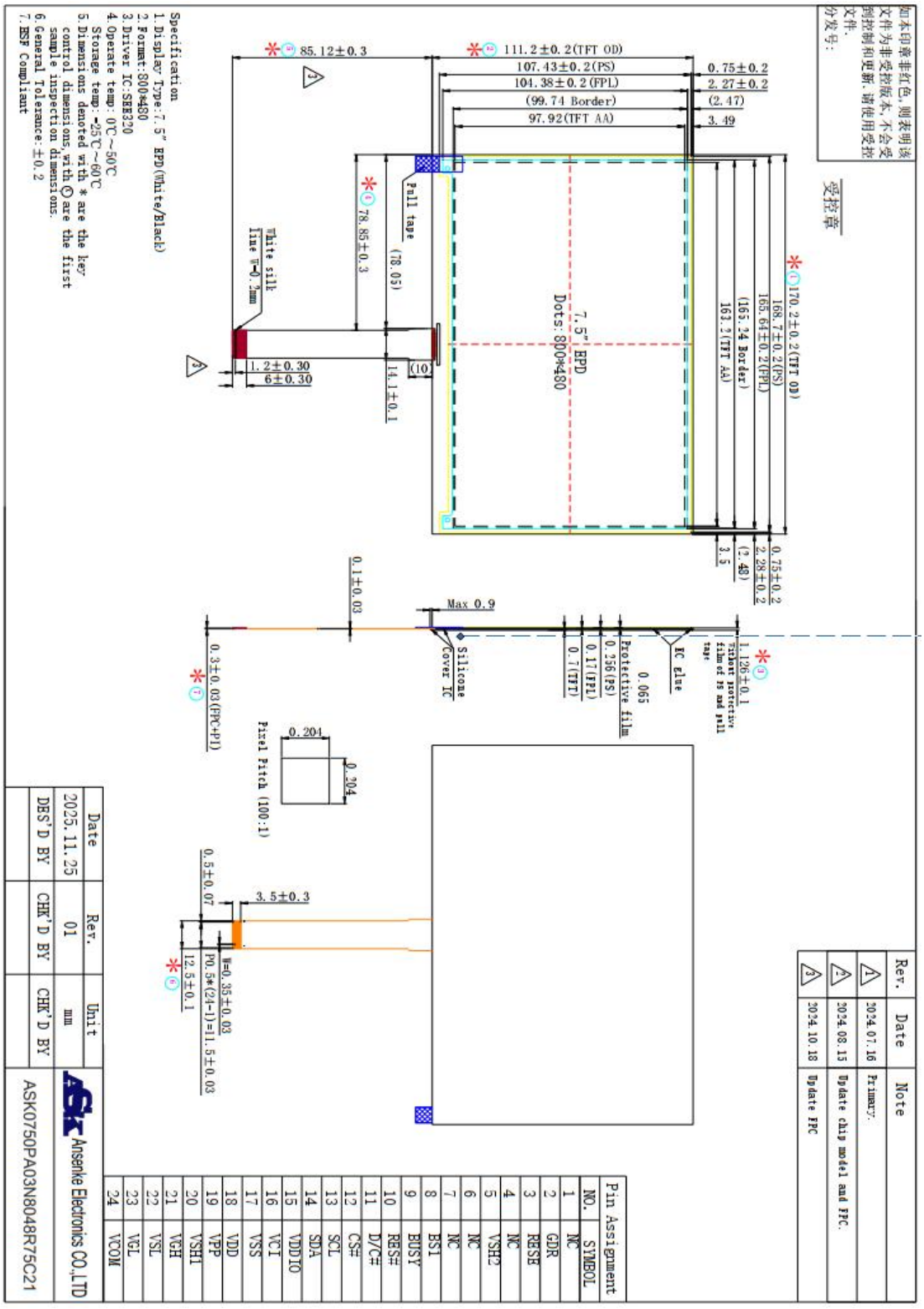
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5. Technical Specification

Display	Display Type	7.5 inch
	Type	EPD
	Resolution	800*480
	Dimensions	170.2(W)×197.9(H)×1.126(D)
	Active area	163.2(H)×97.92(V)
	Pixel Pitch	0.204(mm)*0.204(mm)
I/O Port	USB	USB 2.0×1
Button	UP	Move upward
	DOWN	Move downward
	ENTER	Confirm function
	Back	Return to the previous
Power supply	Type-C interface	DC 5V
Environment	Operating Temp	0~50℃
	Storage Temp	-25~60℃
Physical Characteristics	Machine size(mm)	201×152×80 mm
	Machine weight(g)	685.7g

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6. Technical Drawings of the inner EPD panel



Rev.	Date	Note
A1	2024.07.16	Primary.
A2	2024.08.15	Update chip model and FPC.
A3	2024.10.18	Update FPC

Pin Assignment		
NO.	SYMBOL	
1	NC	
2	GDR	
3	RESE	
4	NC	
5	VSH2	
6	NC	
7	NC	
8	BST	
9	BUSY	
10	RES#	
11	D/C#	
12	CS#	
13	SCL	
14	SDA	
15	VDDIO	
16	VCI	
17	VSS	
18	VDD	
19	VPP	
20	VSH1	
21	VGH	
22	VSL	
23	VGL	
24	VCOM	

DES'D BY	Date	2025.11.25	
CHK'D BY	Rev.	01	
CHK'D BY	Unit	mm	Ansenke Electronics CO.,LTD

ASK0750PA03N8048R75G21

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