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CERT. No.: 282Q19070712006

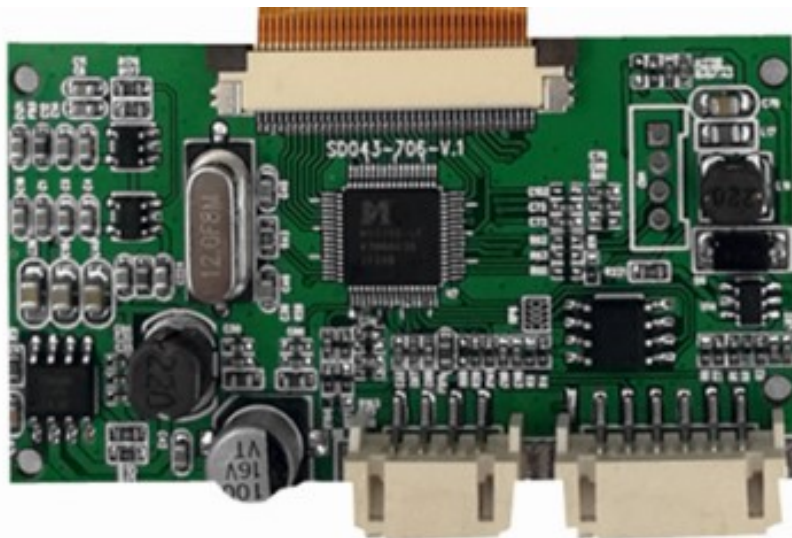
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Product Specification

Model: TBJ050CV-01

CVBS Display Board

This module uses ROHS material



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1. Record of Revision

[illegible]

2. General Specifications

Feature		Spec
Characteristics	Size	5.0inch
	LCM Resolution supported(Max)	800*480
	Pixel Configuration	R.G.B.-Stripe
	Interface	CVBS
	Connect type	Cable
Mechanical	PCB (W x H)	58*33mm
	LCM connector	40PIN/0.5mm
	AV+DC connector	4PIN/2.0mm
	potentiometer	6PIN/2.0mm

3. Electrical Characteristics

Item	Symbol	MIN	Typ	MAX	Unit
Supply Voltage	VDD	10.5	12	13.5	V
Direct Current	Idd	-	TBD	-	mA
Operating Temperature	TOPR	-20	-	70	℃
Storage Temperature	TSTG	-20	-	70	℃

4.PIN-MAP

4.1 CON1 (AV+DC) 4PIN/2.0

管脚序号	定义	描述
1	CVBS	AV 输入
2	GND	地
3	GND	地
4	12V	12V 输入

4.2 CON2(potentiometer)6PIN/2.0

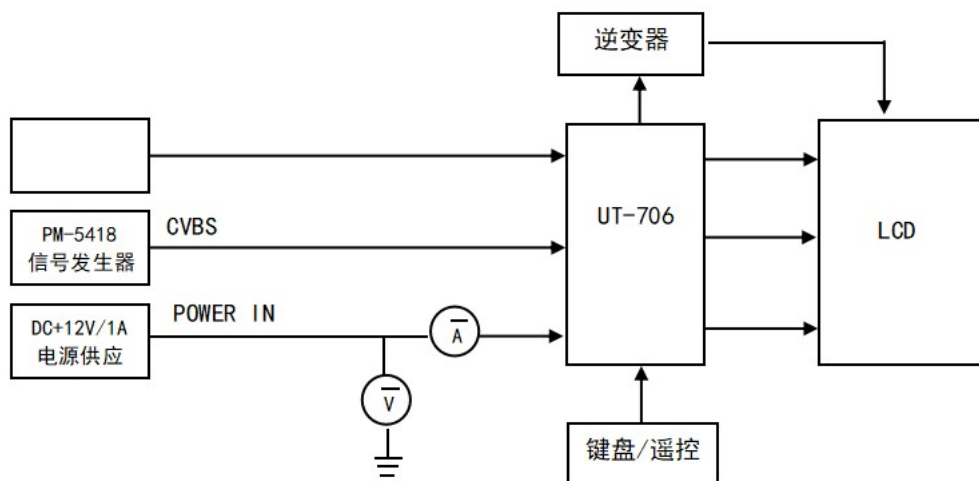
管脚序号	定义	描述
1	3.3V	
2	VR1	
3	GND	
4	3.3V	
5	VR2	
6	GND	

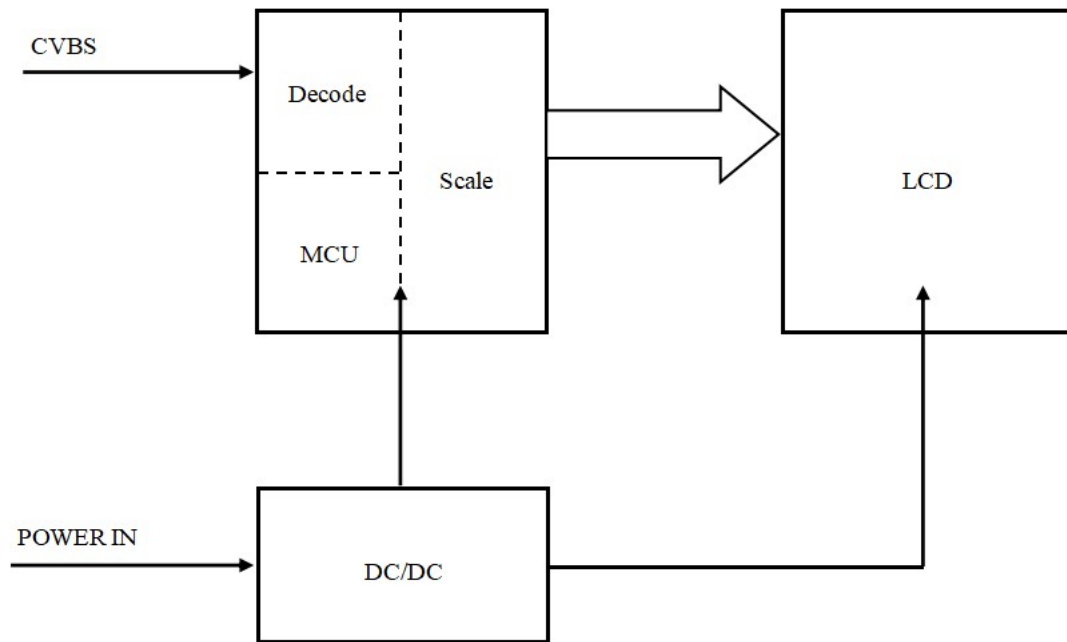
4.3 CON3 (LCM PIN 50PIN/ 0.5mm)

管脚序号	定义	描述
1	VLED-	Power for LED backlight cathode
2	VLED+	Power for LED backlight anode
3	GND	Power ground
4	VDD	Power voltage
5	R0	Red data (LSB)
6	R1	Red data
7	R2	Red data
8	R3	Red data
9	R4	Red data
10	R5	Red data
11	R6	Red data
12	R7	Red data (MSB)
13	G0	Green data (LSB)
14	G1	Green data
15	G2	Green data
16	G3	Green data
17	G4	Green data
18	G5	Green data
19	G6	Green data

20	G7	Green data (MSB)
21	B0	Blue data (LSB)
22	B1	Blue data
23	B2	Blue data
24	B3	Blue data
25	B4	Blue data
26	B5	Blue data
27	B6	Blue data
28	B7	Blue data (MSB)
29	GND	Power ground
30	CLK	Pixel clock
31	DISP	Display on/off
32	NC	No connection
33	NC	No connection
34	DE	Data Enable
35	NC	No connection
36	GND	Power ground
37	NC	No connection
38	NC	No connection
39	NC	No connection
40	NC	No connection

5. Block Diagram





6. Mechanical Drawing

