

Product Specification

5.6”

TFT-LCD Driver Board

FOR APPROVAL

MODEL NO.: AT717C-V5.1

PCB NO.: AT717C-V5.1

Customer's Approval

Customer:	
Date:	
By:	

Confirmed By	Prepared By	Manufacture NO	
		Version	1.0
		Total Pages	8
		Date	2009.3

Features

- Support Analog RGB signal resolution
 1. VGA 640X480 (Best)
 2. SVGA 800X600 (Scaling down)
 3. XVGA 1024X768 (Scaling down)
- Support Composite Video input
 1. PAL
 2. NTSC
- (Optional) Support TV input
 1. PAL
 2. NTSC
 3. SECAM
- Support TFT-LCD size 5.6"
 1. AT056TN52
- (Optional) Support Audio amplifying

Mechanical Specification

Board Dimension

Dimension	Specification	Unit
Length	100.0	mm
Width	68.0	mm
Thickness	7	mm

Video Input Signal

Video-Composite signal 1.0 Vp-p 75Ω

Operating Temperature

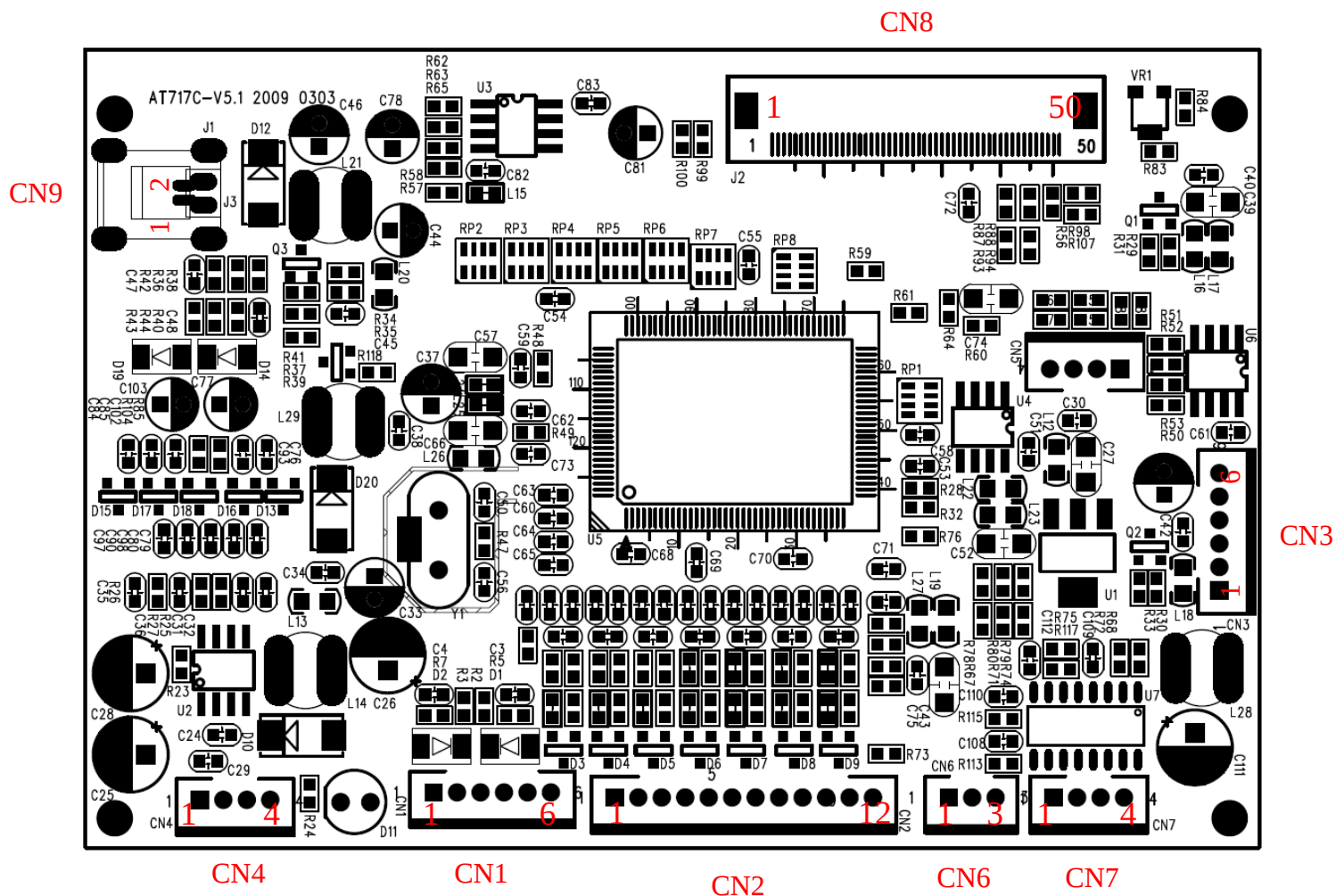
0°C ~ 60°C

Electrical Characteristics

Item	Symbol	Condition	Min	Typ	Max	Unit	Remark
Supply Voltage	V _{cc}	GND = 0	6	12	24	V	
Supply Current	I _{cc}	V _{cc} = 12		<250		mA	

Driver Board Specification

Terminal Drawing



CN1	VGA Input
PIN	Connection
1	HSY
2	VSY
3	GND
4	B-IN
5	G-IN
6	R-IN

CN2	Power, CVBS Signal Inputs
PIN	Connection
1	VCC +12V(POWER)
2	GND
3	GND
4	AV1 IN(Video-Composite)
5	AV2 IN(Video-Composite)
6	SC
7	SY
8	GND
9	KEY
10	IR
11	GND
12	+5V

CN3	(optional) TV input
PIN	Connection
1	CVBS2-IN
2	GND
3	SDA
4	SCL
5	5V
6	AF-AUDIO

CN4	Power Output
PIN	Connection
1	+12V OUT
2	GND
3	GND
4	+5V OUT

CN6	(optional)Audio Amplifying
PIN	Connection
1	Audio-L IN
2	GND
3	Audio-R IN

CN7	(optional)Speaker Output
PIN	Connection
1	Audio-L OUT -
2	Audio-L OUT +
3	Audio-R OUT+
4	Audio-R OUT-

CN8	5.6" TFT LCD Interface
PIN	Connection
1~50	5.6" TFT LCD Connector

CN9	
PIN	Connection
1~2	TFT LCD LED Backlight

Outline Drawing

