

ACEMI Optronics Technology**Product Specification****5.6”, 7.0”, 8.0”, 10.4”****TFT-LCD Driver Board****FOR APPROVAL****MODEL NO.: AT717C-V2.0****PCB NO.: AT717C-V2.0****Customer's Approval**

Customer:	
Date:	
By:	

Confirmed By	Prepared By	Manufacture NO	
		Version	1.0
		Total Pages	7
		Date	2008.10

Features

- Support Analog RGB signal resolution
 1. SVGA 800x600
 2. VGA 640x480
- Support VGA input
- Support Composite Video input
 1. PAL
 2. NTSC
- (Optional) Support TV input
 1. PAL
 2. NTSC
 3. SECAM
- Support TFT-LCD sizes from 5.6" / 7.0" / 8.0" / 10.4"
 1. AT056DN01
 2. A070VW04
 3. A080SN01
 4. A104SN03 V0
- Support Audio amplifying

Mechanical Specification

Board Dimension

Dimension	Specification	Unit
Length	120.0	mm
Width	75.0	mm
Thickness	7	mm

Video Input Signal

Video-Composite signal 1.0 Vp-p 75Ω

Operating Temperature

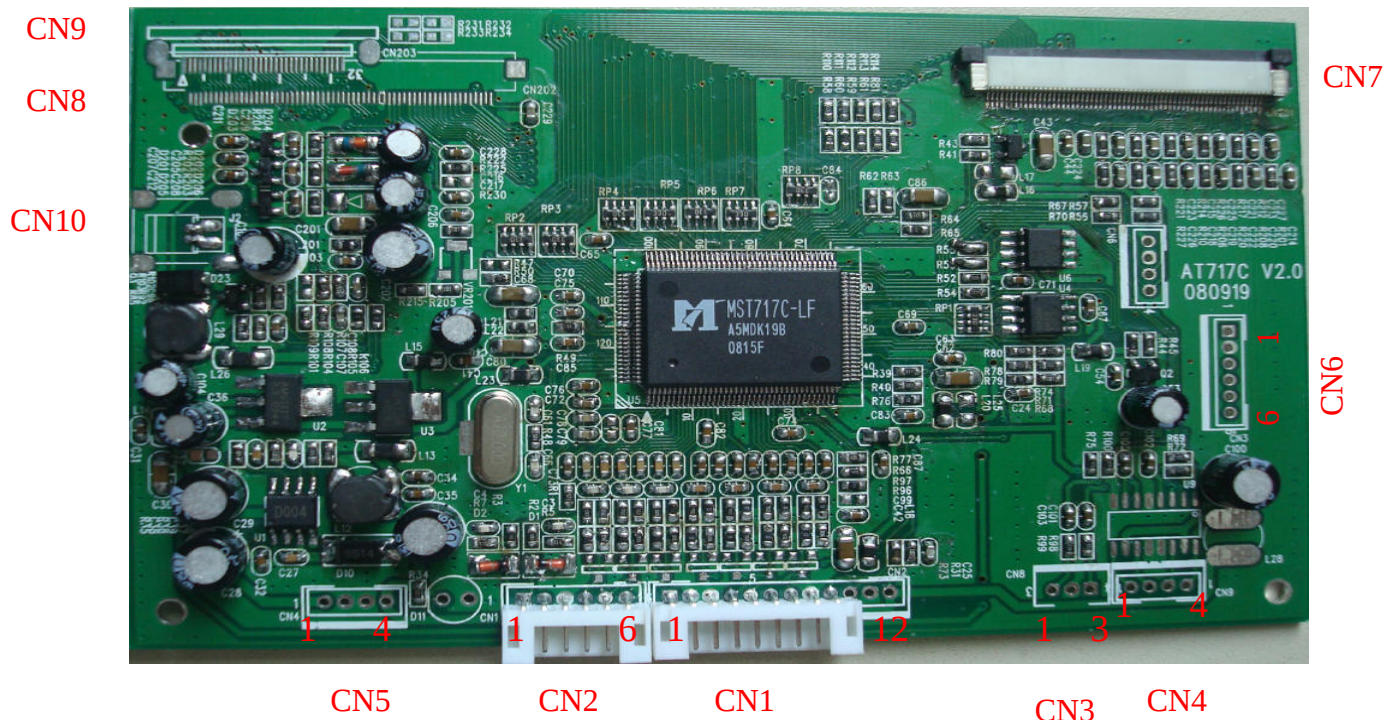
0°C ~ 60°C

Electrical Characteristics

Item	Symbol	Condition	Min	Typ	Max	Unit	Remark
Supply Voltage	Vcc	GND = 0	6	12	24	V	
Supply Current	Icc	Vcc = 12		<600		mA	

Driver Board Specification

Terminal Drawing



CN1	
PIN	Connection
1	VCC +12V(POWER)
2	GND
3	GND
4	AV IN(Video-Composite)
5	TV IN
6	C-IN
7	Y-IN
8	GND
9	KEY
10	IR
11	GND
12	+5V

CN2	
PIN	Connection
1	HSY
2	VSX
3	GND
4	B-IN
5	G-IN
6	R-IN

CN3	Audio
PIN	Connection
1	L-IN
2	GND
3	R-IN

CN4	Audio
PIN	Connection
1	L-OUT
2	GND
3	GND
4	R-OUT

CN5	
PIN	Connection
1	+12V OUT
2	GND
3	GND
4	+5V OUT

CN6	
PIN	Connection
1	VIDEO IN
2	GND
3	DSA
4	DSL
5	+5V
6	AF

CN7	
PIN	Connection
1~60	7.0" TFT LCD Connector

CN8	
PIN	Connection
1~60	8.0" / 10.4" TFT LCD Connector

CN9	
PIN	Connection
1~32	5.6" TFT LCD Connector

CN10	
PIN	Connection
1-2	TFT LCD LED Backlight

Sales and Services

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