

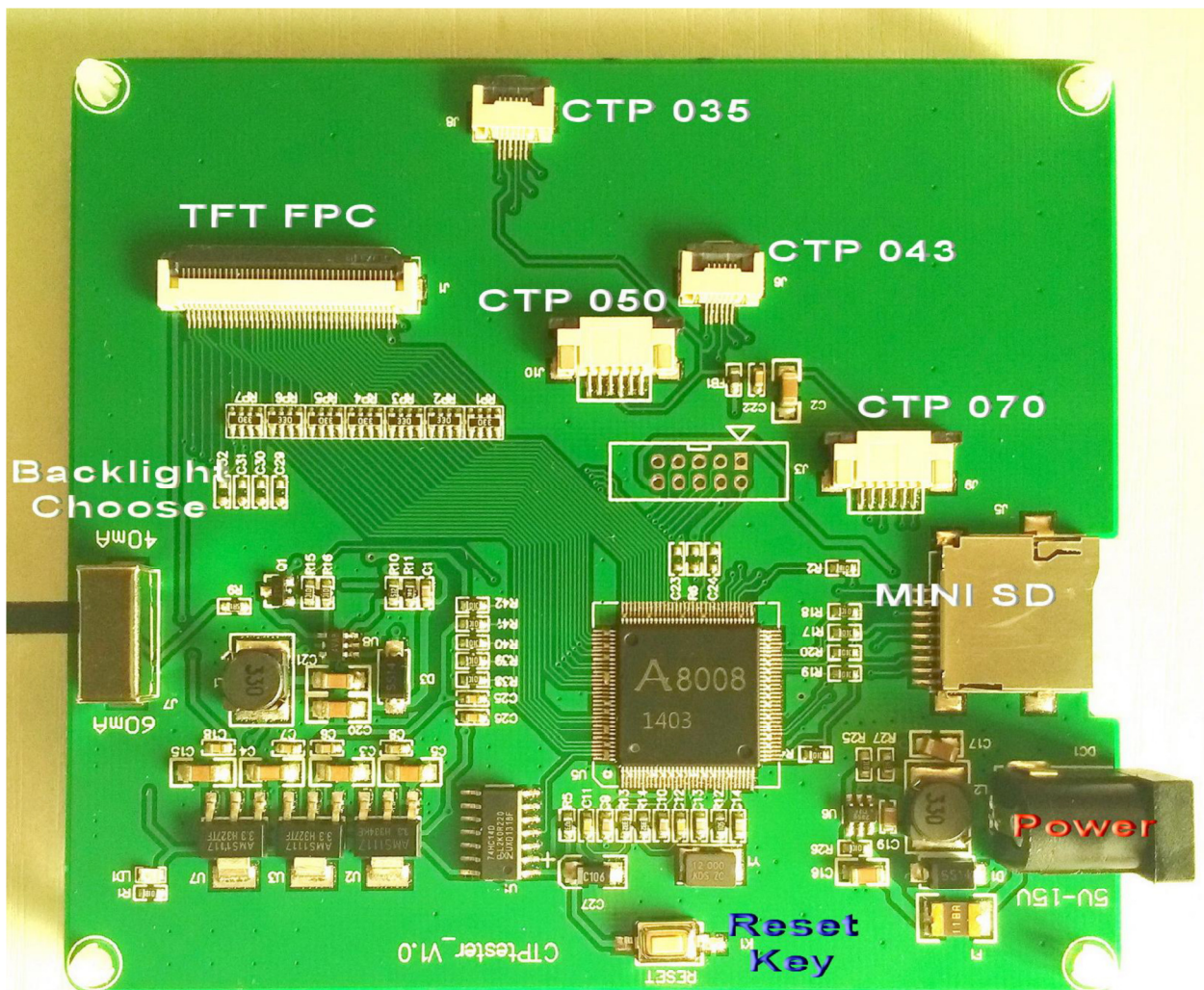
JAZZ-RGB-D3 tester user manual

1, General description

This part is used to test Orient 3.5/4.3/5.0/7.0 TFT+CTP modules for checking CTP performance and TFT displaying effect.

2, Product description

This is a universal PCBA testing board for 3.5/4.3/5.0/7.0 TFT+CTP modules. Customer need change files in SD card and different ports to match different CTP+TFT modules. Refer to connection figure:



Dimension: 100*90*15mm

Input voltage: DC/5-15V, diameter 2.5mm, internal +/external -, common voltage ripple < 20mV.

Please put tester and CTP+TFT module at flat pad.

3, Testing procedures

- (1) Load correct files to SD according to tested CTP+TFT module
- (2) Connect CTP+TFT module to tester well. Note: the connection position is unique for each module.
- (3) Considering CTP has high requirement for voltage and any unqualified power module may result in CTP abnormal, strongly recommend our dedicated power supplier. DC/5-15V, common voltage ripple < 20mV.
- (4) Below is power on figure, touch and slide left-to-right to enter main menu.

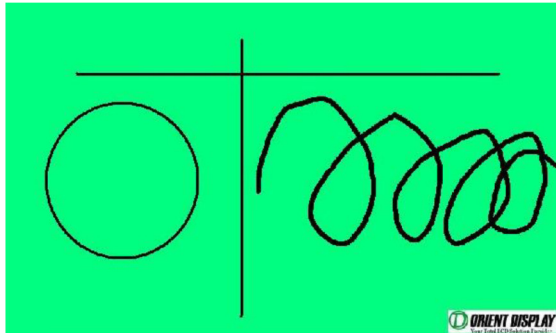
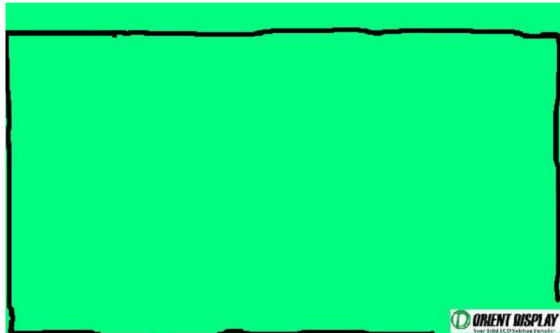


(5) Main menu



Below operations for testing CTP:

- [1] Sensitivity of 4 edges.
- [2] Linearity of horizontal and vertical lines.
- [3] Smoothness for making circle, response time for multi-circles.
- [4] Multi-touching detected at same time



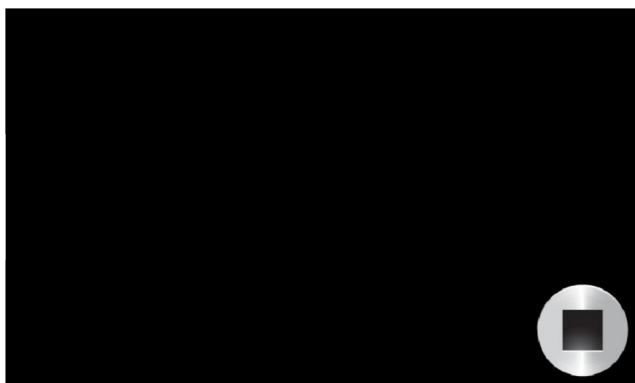
(6) TFT response time testing

Click  at right-down corner, enter TFT response time testing figure:

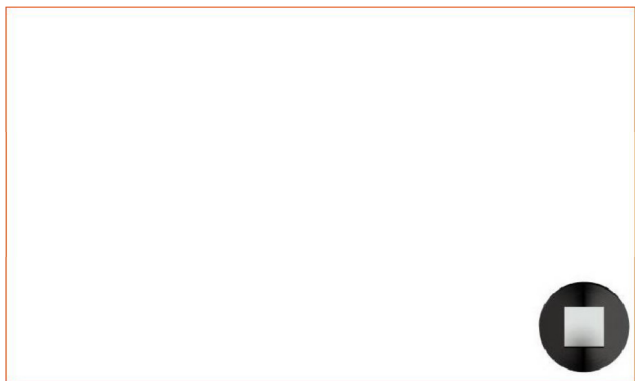
Touching enters below figure:



Color checking



Bright dot checking



Dark dot checking



RGB color checking

Note:

- 1, Sliding finger to switch different picture.
- 2, Return to CTP main menu by clicking right-down corner icon.