1. General description

RPI TFT LCD Adapter is a kind of Raspberry Pi Adapter, expanded from Raspberry Pi GPIO, directly connected to TFT LCD Module,and can successfully accomplish drive.

Note: When RPI GPIO Shield connected with Raspberry Pi GPIO, please make sure their pins are corresponding with each other.

2. Feature

- Can directly drive 2.4'TFT LCD Module
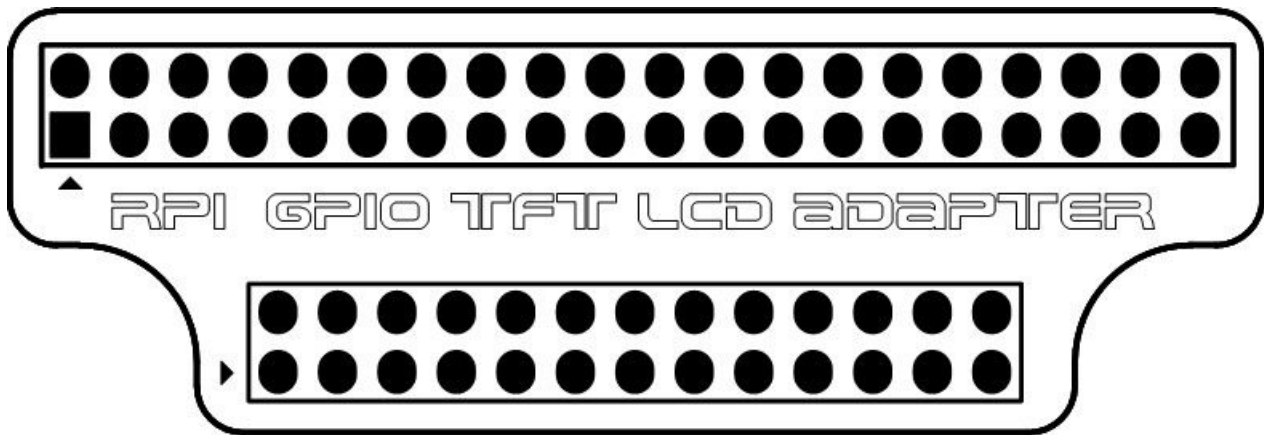- Unique and delicate design
- SIZE：53.5mmx18mm

3. Applications

- Applied to drive 2.4' TFT LCD module and its components

4. Electronic characteristics

PARAMETER	MIN	TYP	MAX	UNIT
RPI Supply Voltage	-	5	-	V
Current		700		mA

RPI TFT LCD Adapter

5. Pining information

Types	Symbol	Description
	3V3	CONNECT TO TFT 3V3 PIN
	5V	CONNECT TO TFT 5V PIN
	SDA	CONNECT TO TFT WR PIN
	DNC	DON'T CONNECT
	SCL	CONNECT TO TFT RS PIN
	GND	CONNECT TO GND
	GPIO7	CONNECT TO TFT DB15 PIN
	TX	DON'T CONNECT
	DNC	DON'T CONNECT
RPI PIN	RX	CONNECT TO TFT RST PIN
	GPIO0	CONNECT TO TFT DB8 PIN
	GPIO1	CONNECT TO TFT DB9 PIN
	GPIO2	CONNECT TO TFT DB10 PIN
	DNC	DON'T CONNECT
	GPIO3	CONNECT TO TFT DB11 PIN
	GPIO4	CONNECT TO TFT DB12 PIN
	DNC	DON'T CONNECT
	GPIO5	CONNECT TO TFT DB13 PIN
	MOSI	CONNECT TO TFT DIN PIN
	DNC	DON'T CONNECT
	MISO	CONNECT TO TFT DOUT PIN
	GPIO6	CONNECT TO TFT DB14 PIN
	SCLK	CONNECT TO TFT DCLK PIN
	CE0	CONNECT TO TFT DIRQ PIN
	DNC	DON'T CONNECT
	CE1	CONNECT TO TFT CS PIN

6. Interface description
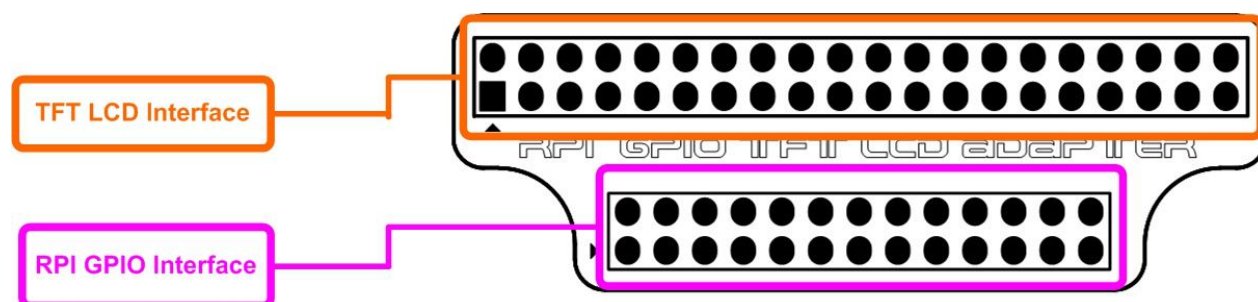
7. Dimension outline
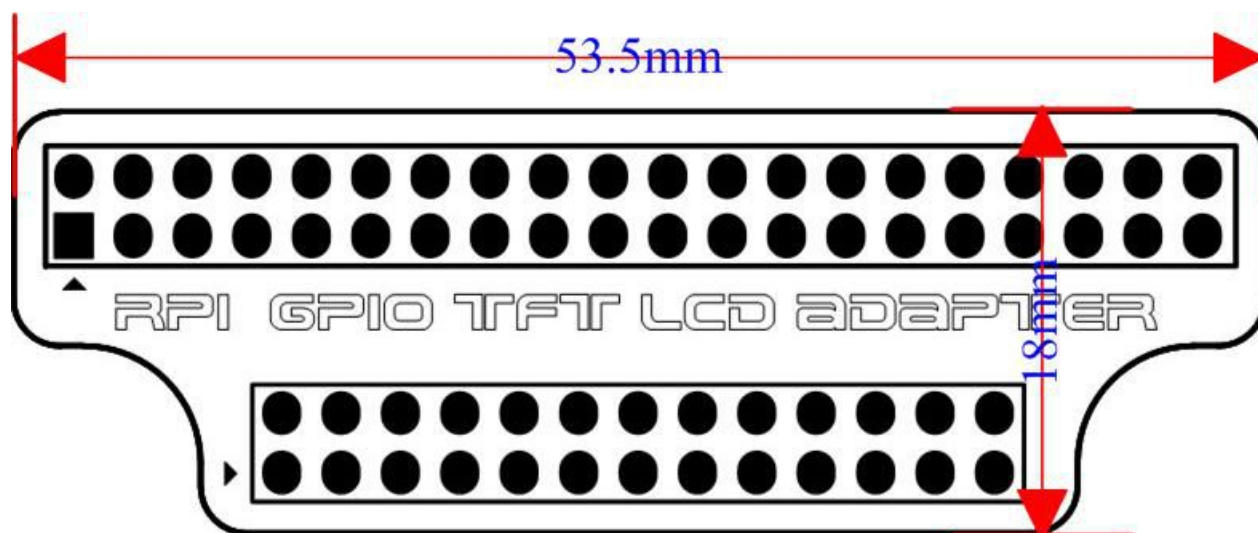
8. Revision history

REVISION	DESCRIPTION	RELEASE DATE
V1.0	Initial version	9/26/2013

9. Contact information

For more information, please visit: http://www.elecfreaks.com
For sales office addresses, please send an email to: service@elecfreaks.com