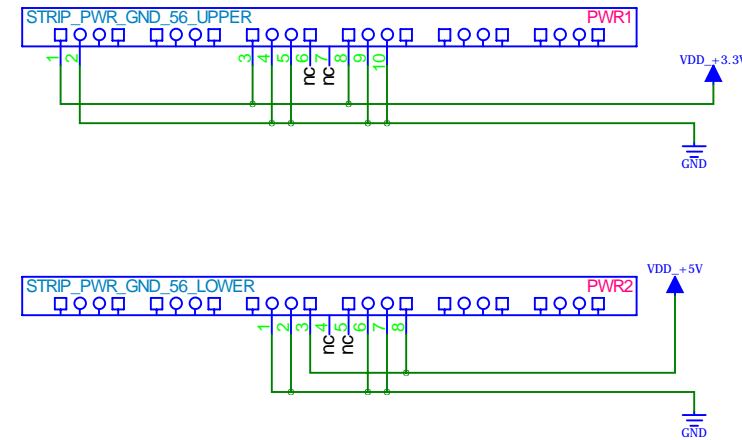
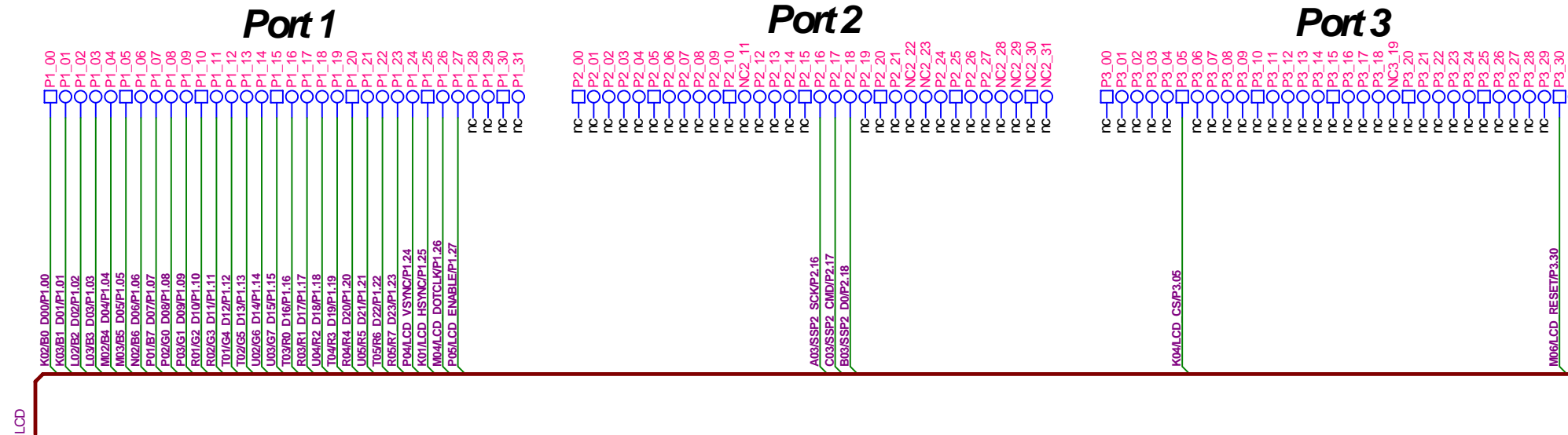


REV	ENGINEER	DATE	REMARKS
0.0	BAC	2013-03-04	Initial Creation
0.1	BAC	2013-03-19	Fixed reversed connector in PCB
-	-	-	-
-	-	-	-
-	-	-	-

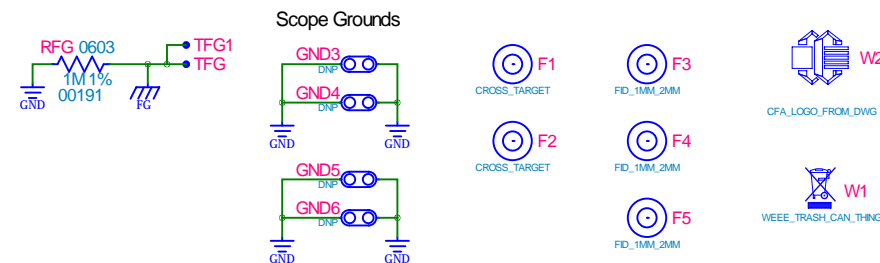
### Power & Ground Connections to CFA-10037



### GPIO Connections to CFA-10037



Signal Naming:  
**B#[NC/FUNC]/P#.##**  
**B##** = i.MX28 298-ball BGA ball/pin number  
**NC** = No connect on i.MX283 processor  
**FUNC** = dedicated function on 10K36, or i.MX28 dedicated function  
**P#.##** = GPIO port bank and pin



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CFA-10056: TFT LCD Demo Board for CFA-10037

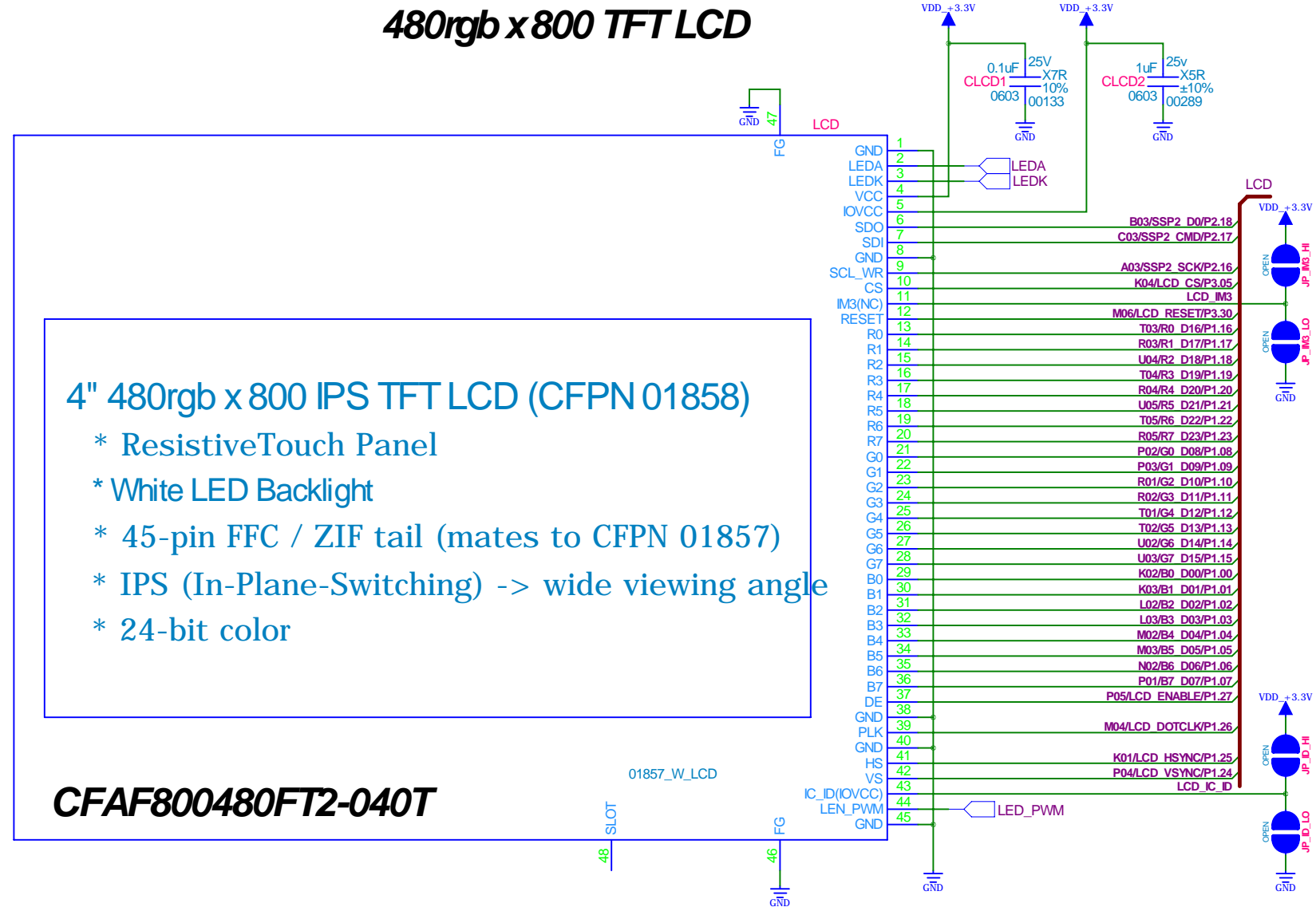
Page 1 / 2 : Connections to CFA-10037

FILE NAME: CFA-10056.SCH

REVISION: 0.1

REV	ENGINEER	DATE	REMARKS
0.0	BAC	2013-03-04	Initial Creation
0.1	BAC	2013-03-19	Fixed reversed connector in PCB
-	-	-	-
-	-	-	-
-	-	-	-

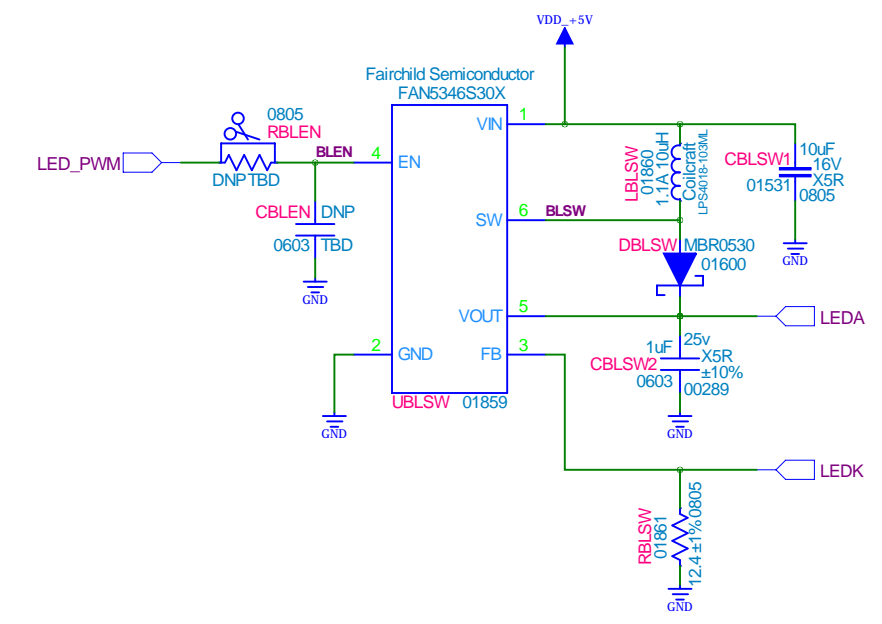
## 480rgb x 800 TFT LCD



- 4" 480rgb x 800 IPS TFT LCD (CFPN 01858)
- \* Resistive Touch Panel
  - \* White LED Backlight
  - \* 45-pin FFC / ZIF tail (mates to CFPN 01857)
  - \* IPS (In-Plane-Switching) -> wide viewing angle
  - \* 24-bit color

**CFAF800480FT2-040T**

## White LED backlight driver



Signal Naming:  
**B##[NC/FUNC][P#.##]**  
**B##** = i.MX28 298-ball BGA ball/pin number  
**NC** = No connect on i.MX283 processor  
**FUNC** = dedicated function on 10K36, or i.MX28 dedicated function  
**P#.##** = GPIO port bank and pin

**Crystalfontz America, Inc.**

CFA-10056: TFT LCD Demo Board for CFA-10037

Page 2/2: 4" 480rgb x 800 TFT LCD

FILE NAME:  
**CFA-10056.SCH**

REVISION:  
**0.1**