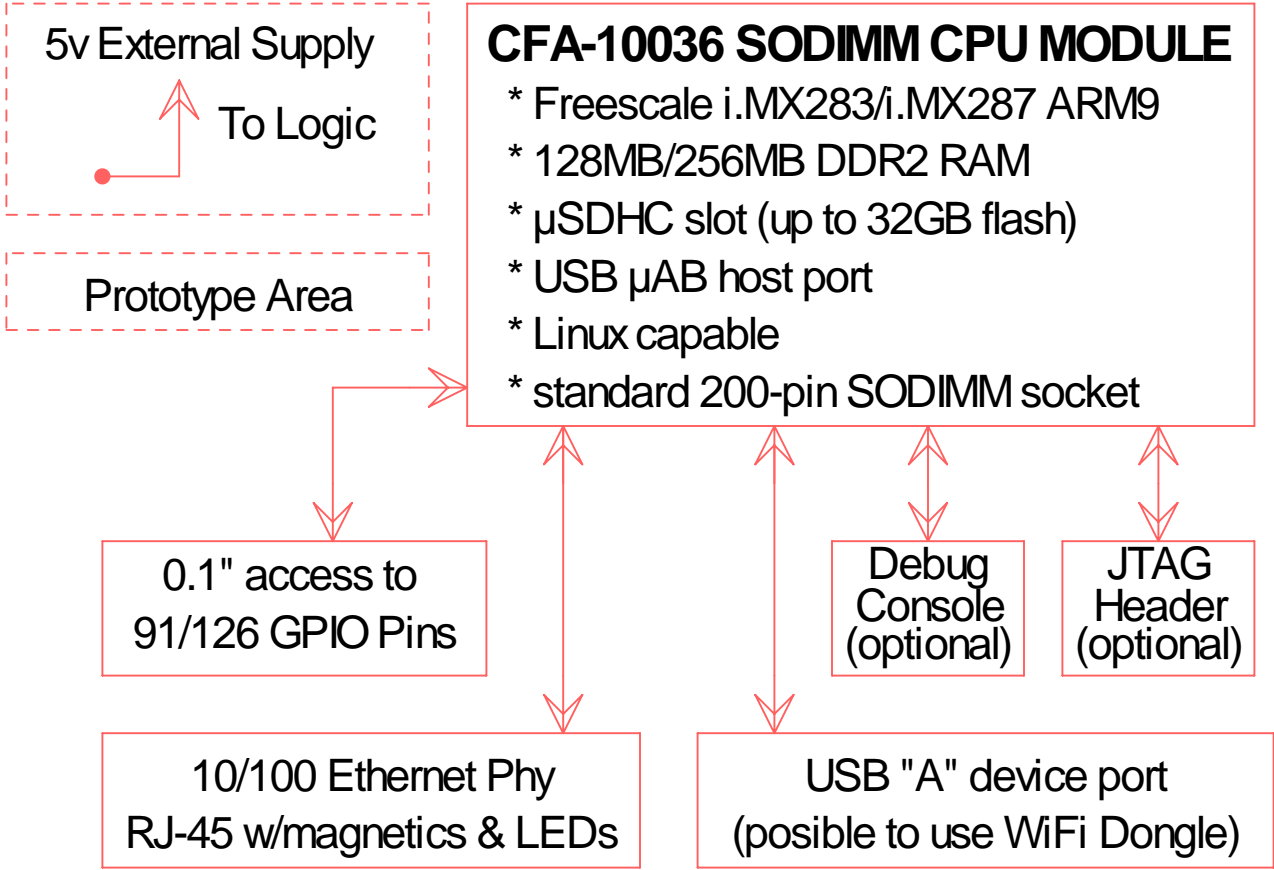
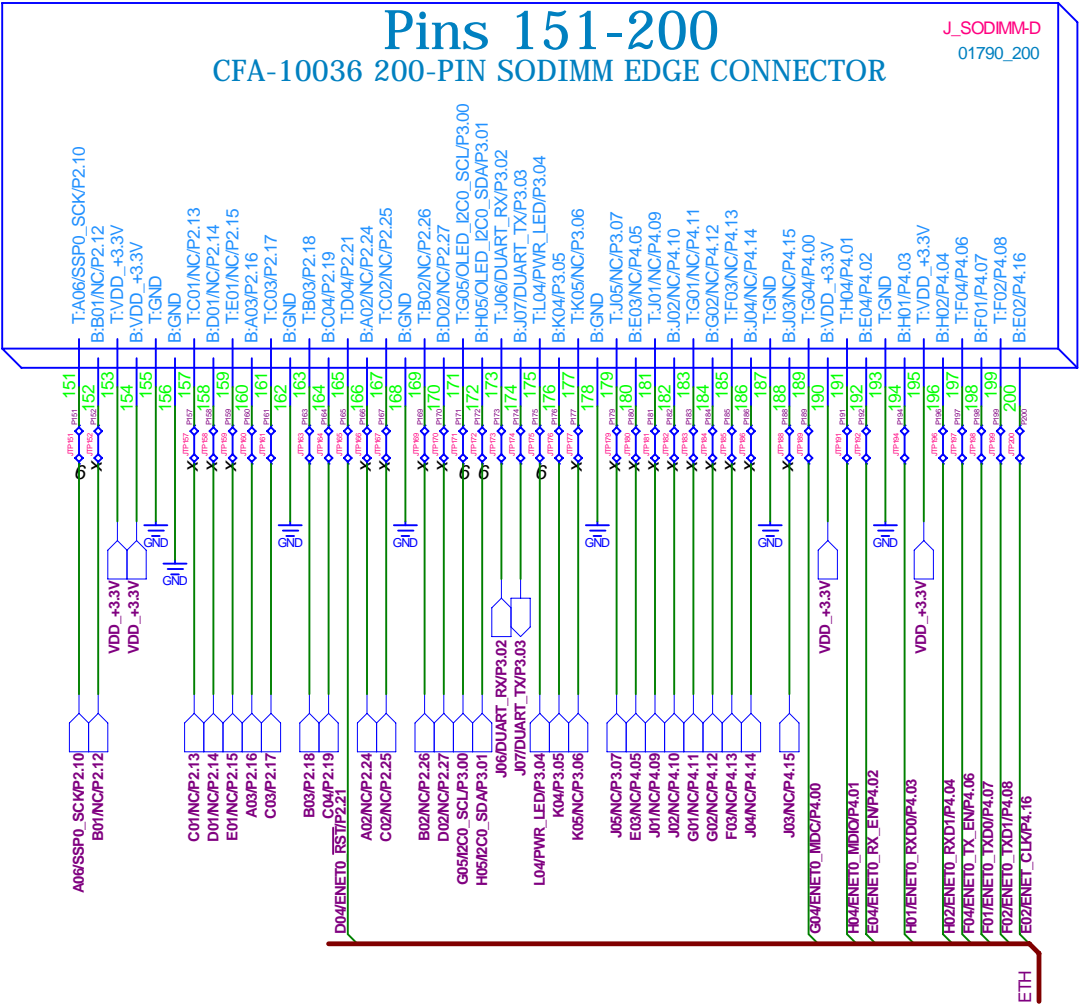
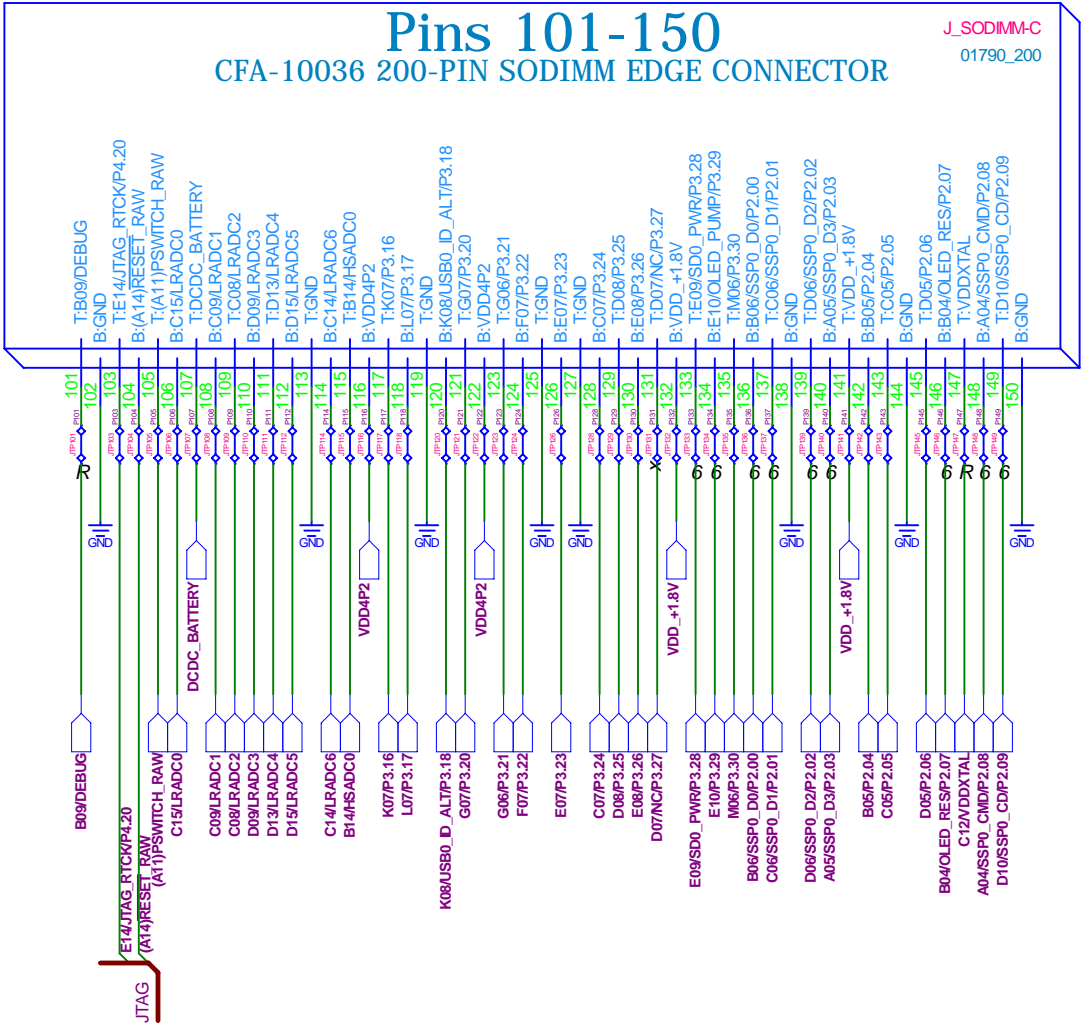


REV	ENGINEER	DATE	REMARKS
0v0	BAC	2012-11-02	Initial Creation
1.0	BAC	2013-01-21	1st Production Run
-	-	-	-
-	-	-	-
-	-	-	-



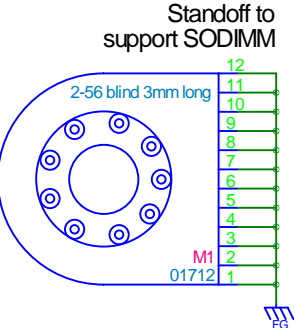
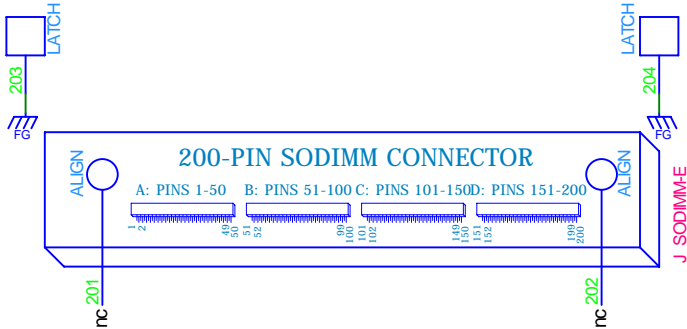
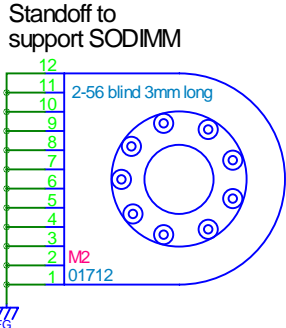
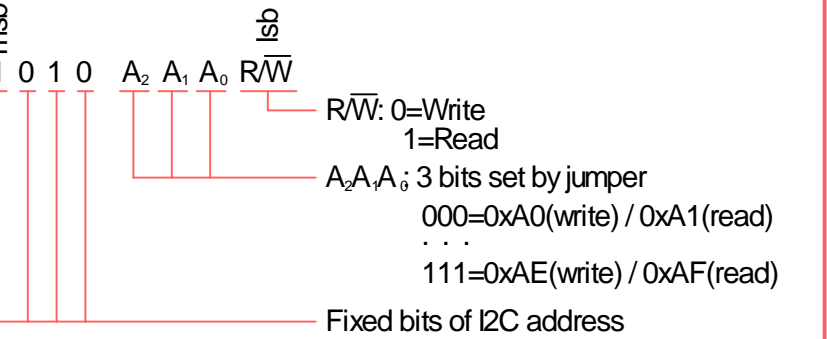
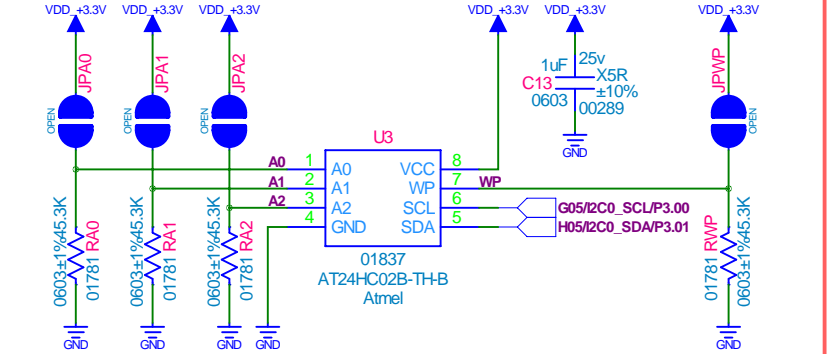
REV	ENGINEER	DATE	REMARKS
0v0	BAC	2012-11-02	Initial Creation
1.0	BAC	2013-01-21	1st Production Run
-	-	-	-
-	-	-	-
-	-	-	-



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

X: No Connect on i.MX283 version
6: Primary use is internal to CFA-100036
R: Reserved function for i.MX28

PCB Identification EEPROM
(shares CFA-10036 I2C OLED bus)



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CFA-10037: Breakout Demo Board for CFA-10036

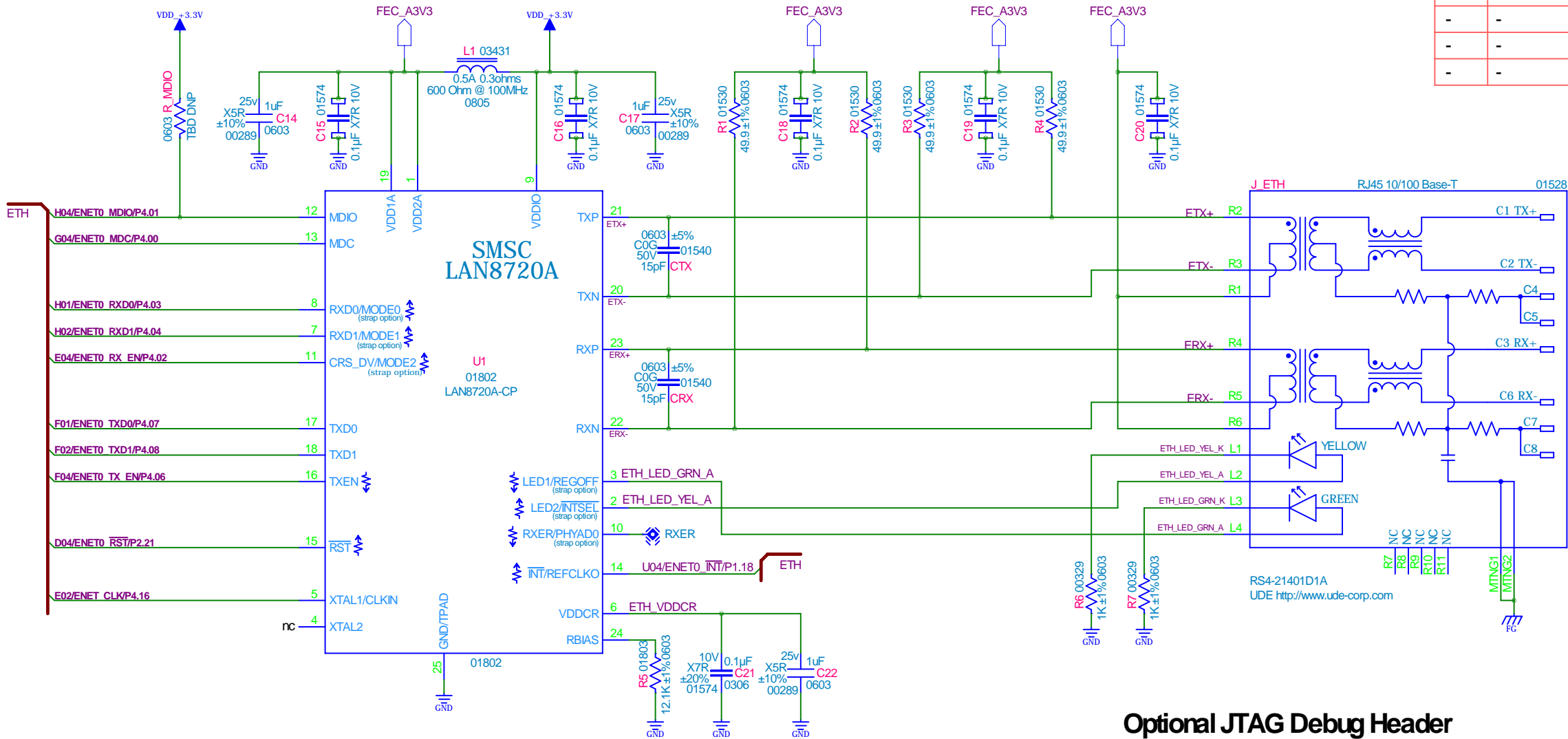
Page 3 / 6 : Processor SODIMM (1/2)

FILE NAME:
CFA-10037_v1p0.SCH

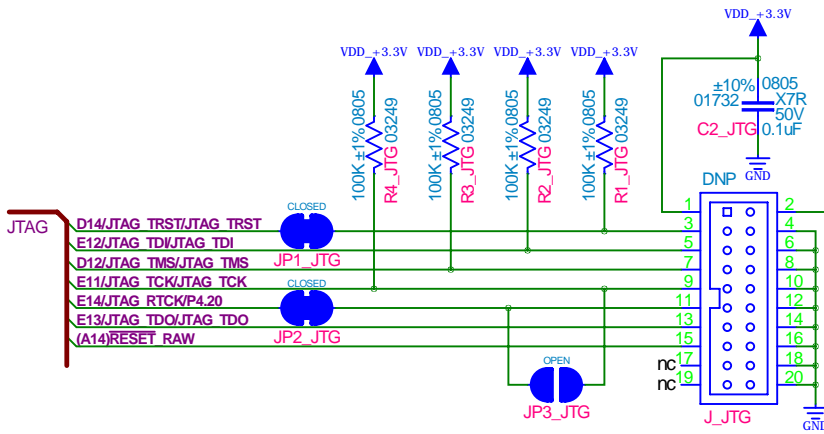
REVISION:
1.0

REV	ENGINEER	DATE	REMARKS
0v0	BAC	2012-11-02	Initial Creation
1.0	BAC	2013-01-21	1st Production Run
-	-	-	-
-	-	-	-
-	-	-	-

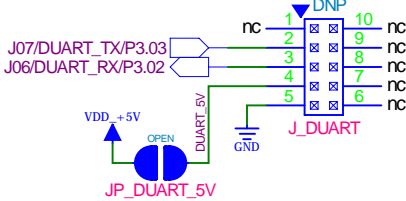
10/100 Ethernet Phy and RJ-45



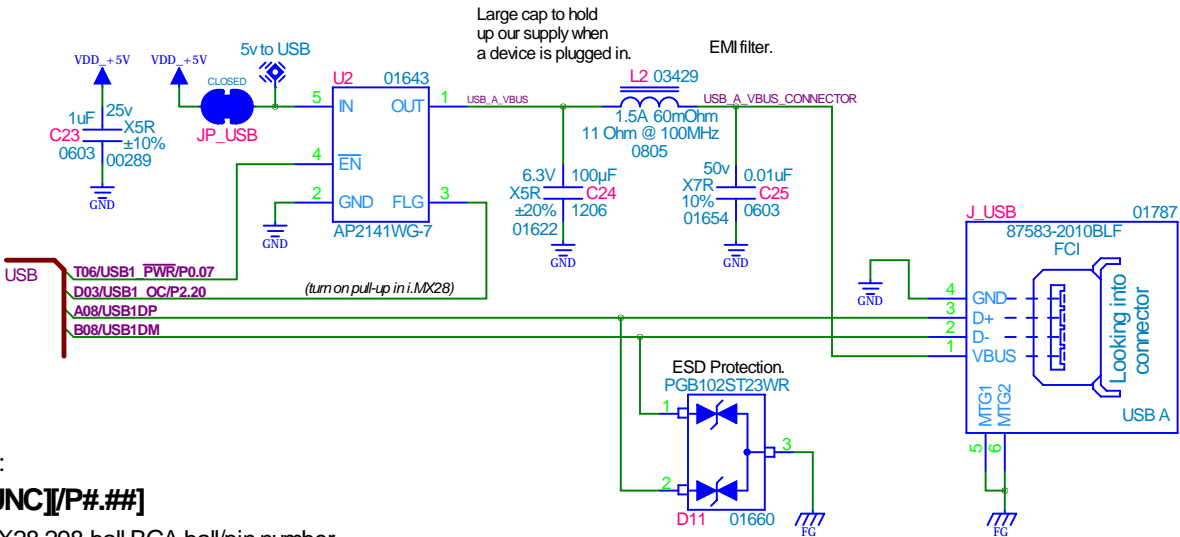
Optional JTAG Debug Header



Optional Logic Level Console Port
(Mates with USB633 FTDI Adapter PCB.)



USB A Connector and Power Switch



Signal Naming:
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CFA-10037: Breakout Demo Board for CFA-10036

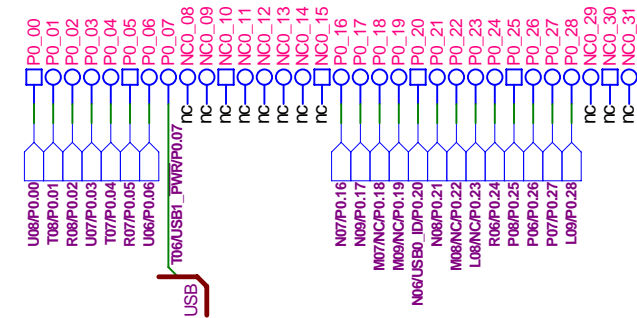
Page 4 / 6 : Ethernet and USB

FILE NAME:
CFA-10037_v1p0.SCH

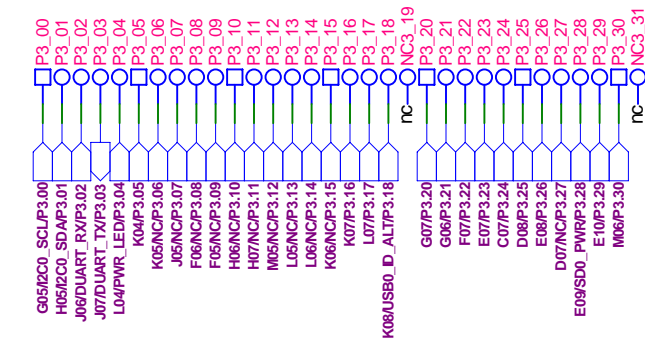
REVISION:
1.0

REV	ENGINEER	DATE	REMARKS
0v0	BAC	2012-11-02	Initial Creation
1.0	BAC	2013-01-21	1st Production Run
-	-	-	-
-	-	-	-
-	-	-	-

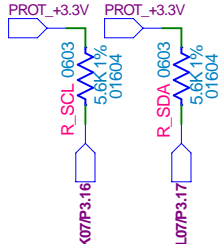
Port 0



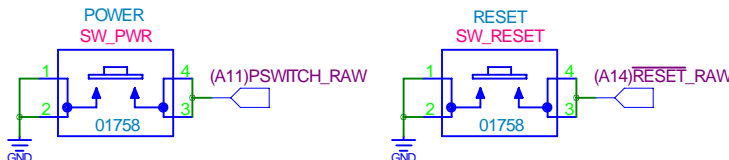
Port 3



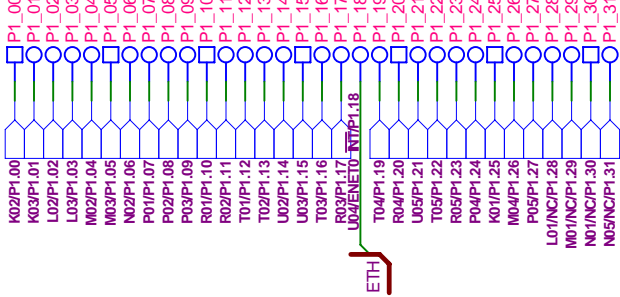
I2C Pull-Ups (optional)



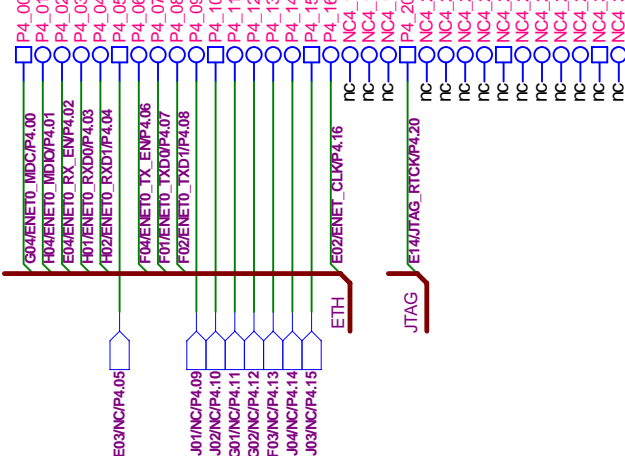
Power & Reset Switches



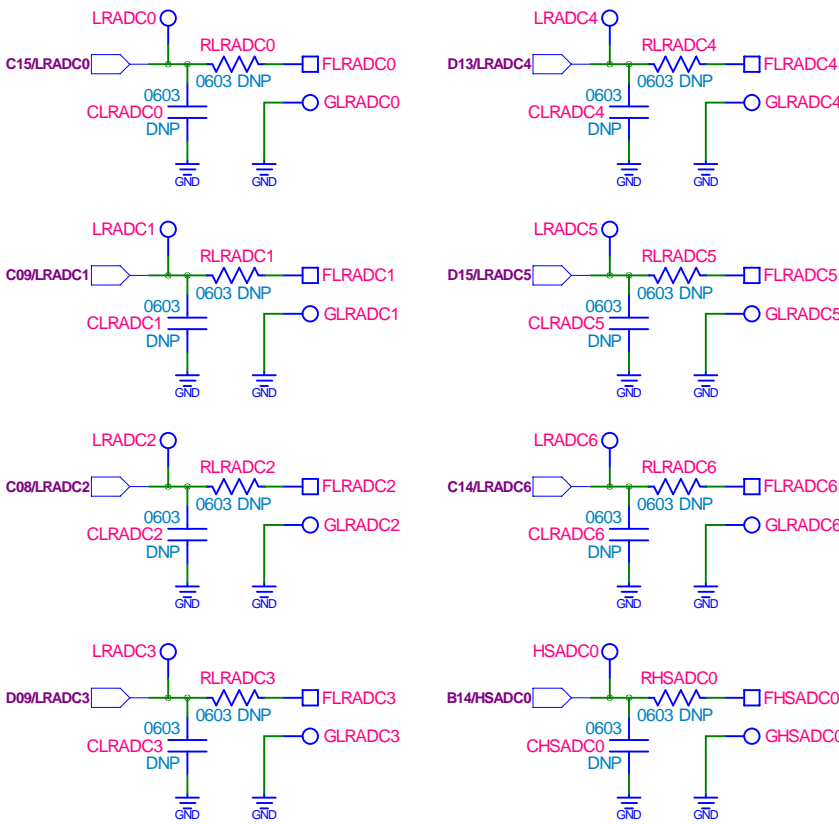
Port 1



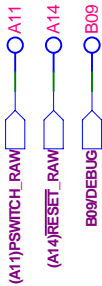
Port 4



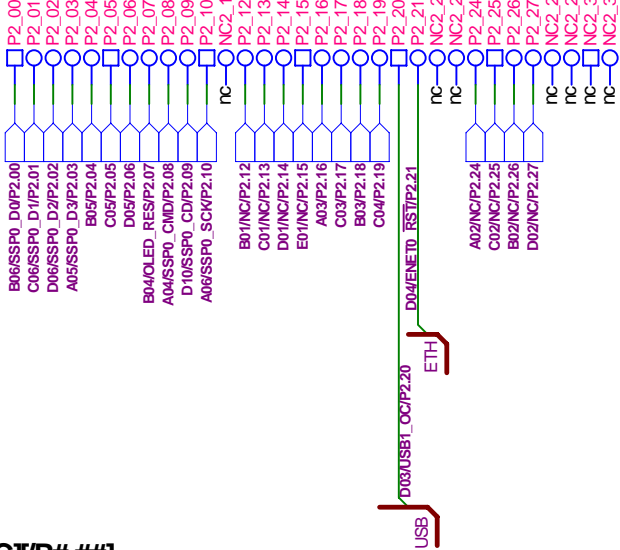
ADC and optional filters



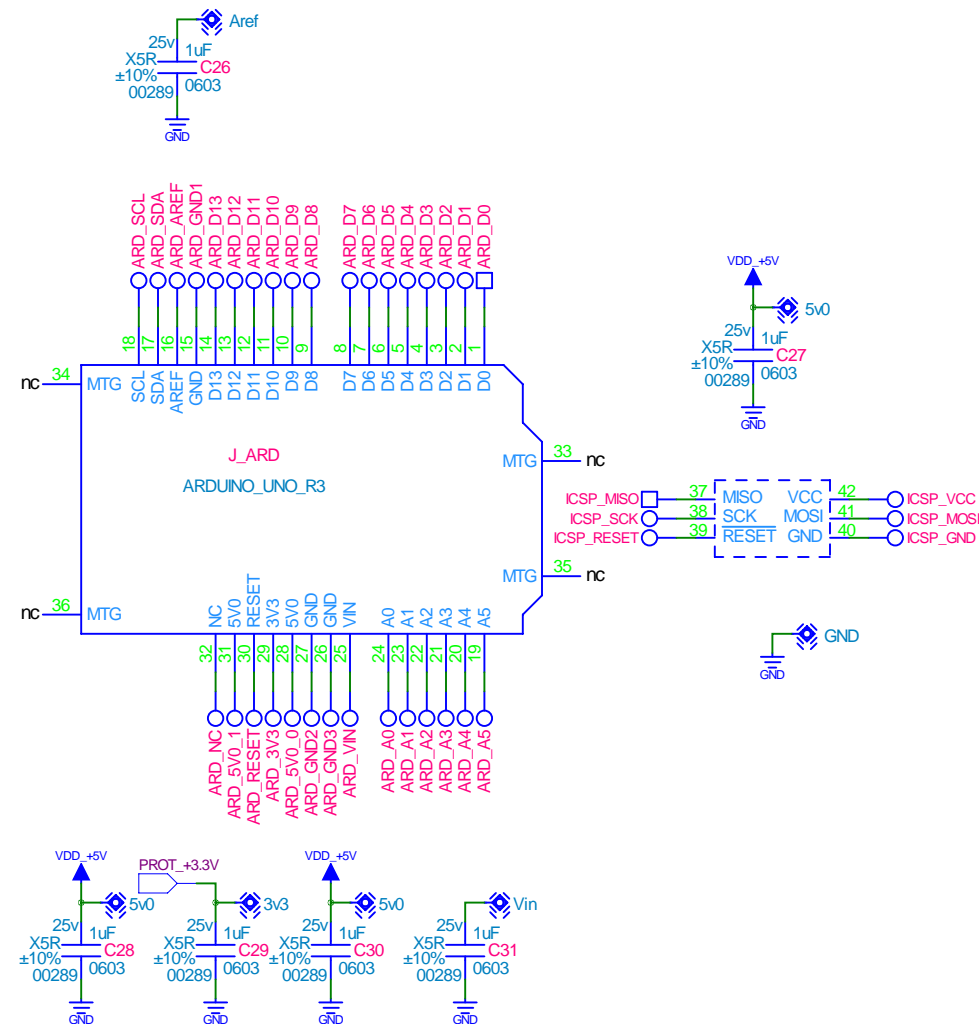
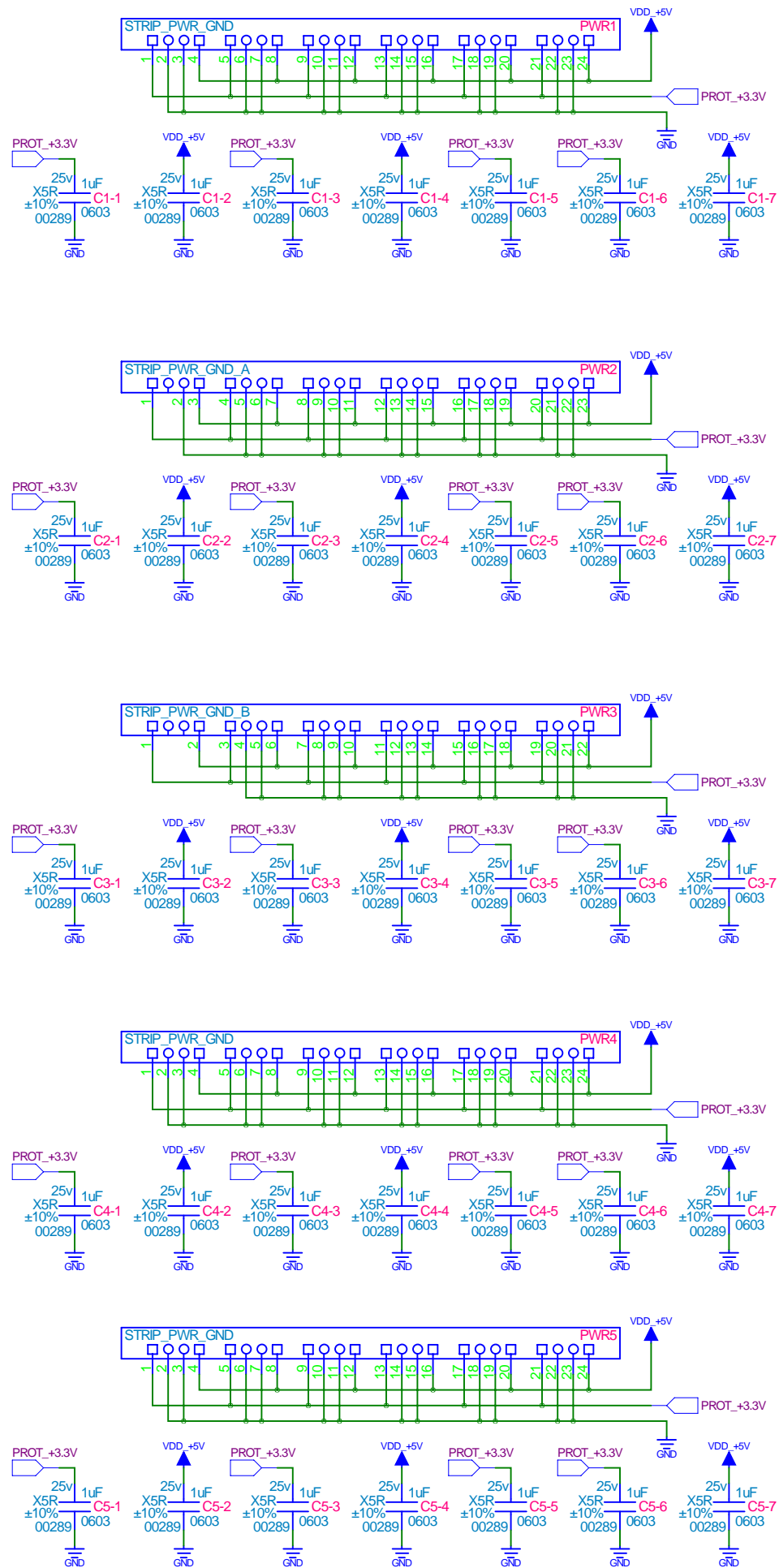
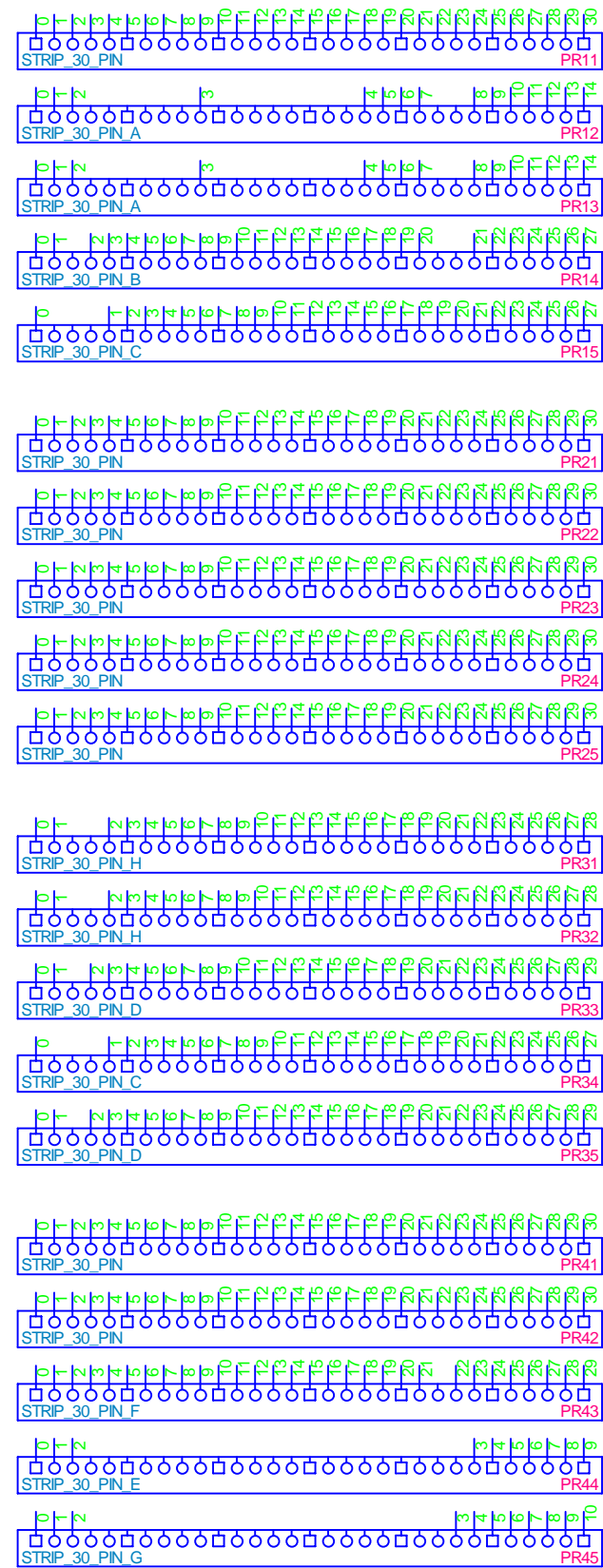
Non-port pins



Port 2



Signal Naming:
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NC = No connect on i.MX283 processor
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P#.## = GPIO port bank and pin



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CFA-10037: Breakout Demo Board for CFA-10036

Page 6 / 6 : Proto Area

FILE NAME:
CFA-10037_v1p0.SCH

REVISION:
1.0

REV	ENGINEER	DATE	REMARKS
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-	-	-	-
-	-	-	-
-	-	-	-