

Page 2

Temp.
Sensor

DOCD
CNN

AT24C02B

1Wire

I2C

Connect to
ST0676 or ST0684 Board

Digiport parallel bus

Digiport SPI bus

I2C

Power/GND

USB/Setting

AX11015

UART

BURN SETTING

RESET#

Power/GND

TXOP/N, RXIP/N

10Pin
Connector

RJ45

Page 4

UART Port

10Pin
Connector

UART
Tr&CNN

DIP Switch
Setting

RESET
Circuit

Page 4 for Flash download
only.

Page 3

Power Input
& RESET

ASRAM-IS61LV5128AL

FLASH-MX29LV004BTC

Port0.0
DIP SW

Port 3.0
LED

External BUS

PORT0.0PORT3.0

ASIX ELECTRONICS CORPORATION

Title

AX8811015 IP-CAM Demo Board

Size

Document Number

Rev

AX11015-IP-CAM-V2

2.01

Date:

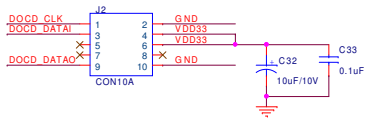
Monday, July 24, 2006

Sheet

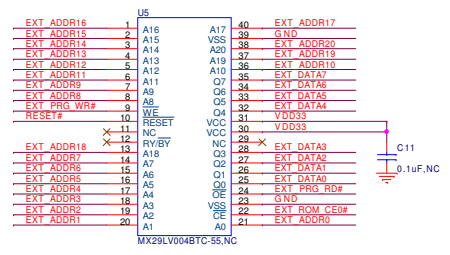
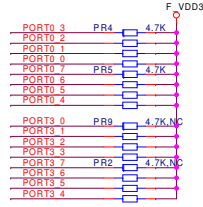
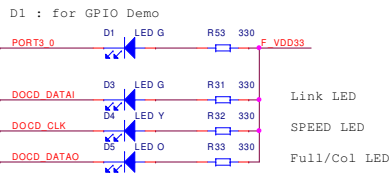
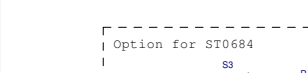
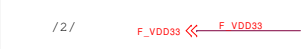
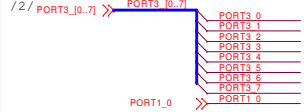
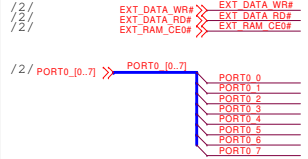
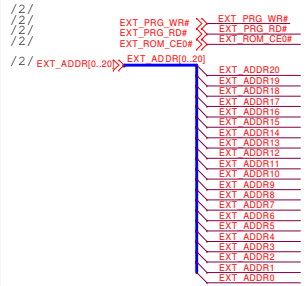
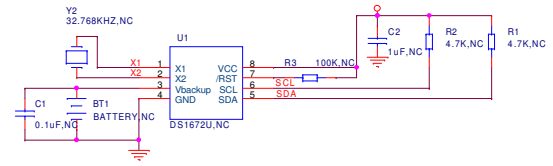
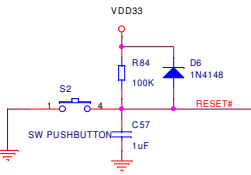
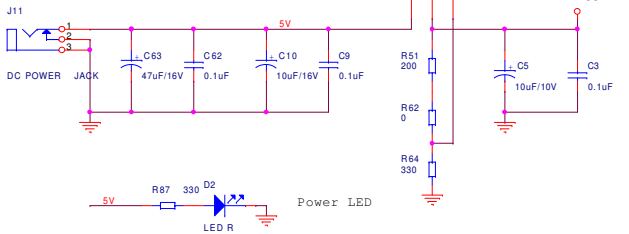
1

of

5

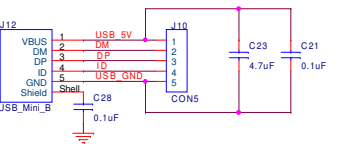
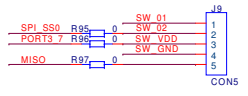
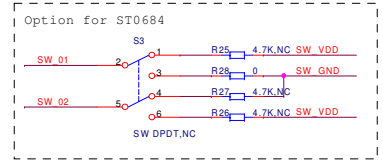
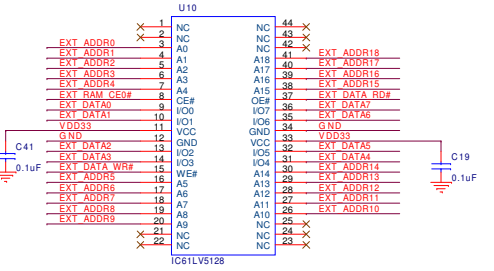
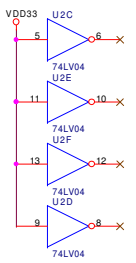


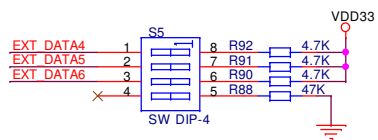
DC 5.0V/1.2A Power Input



AX11015 Pin Name	I/O	Stv0684 Digiport	SPI	Bus
LCSS0_N	I	SFP130		
LAL0	I	SFP3		
LDA[0]	I	SFP2		
LRDY	O	SFP50		
SS0	I	SFP51		
SCLK	I	SFP2		
MOSI	I	SFP3		
MISO	O	SFP1		
P3.7	O	SFP49		

SW_01 CONNECT TO SW302.1 (SHUTTER#) (Stv0684)
SW_GND CONNECT TO SW302.2 (GND) (Stv0684)



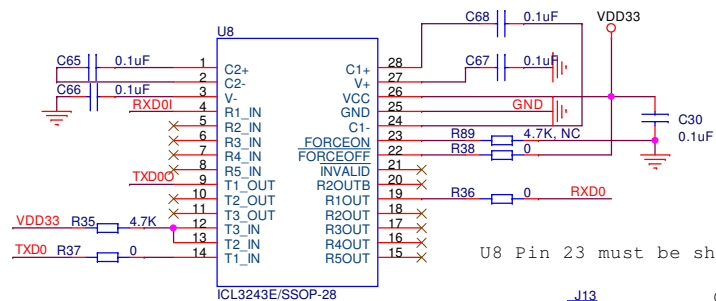


S5.1-8 Burn Flash En
On : Enable Off : Disable

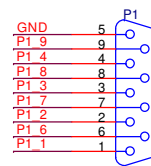
S5.2-7 Burn Flash 921K
On : 921k Off : 115200

S5.3-6 I2C Boot Disable
On : Disable Off : Normal

S5.4-5 Port0.0 Pull-Down
On : Pull-Down Off Pull-Up

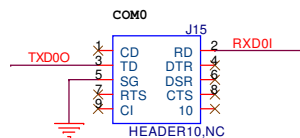
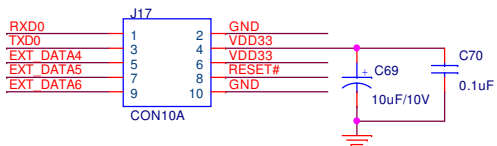
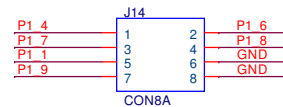
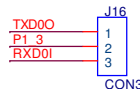
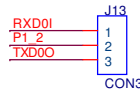


U8 Pin 23 must be short to Pin 22.

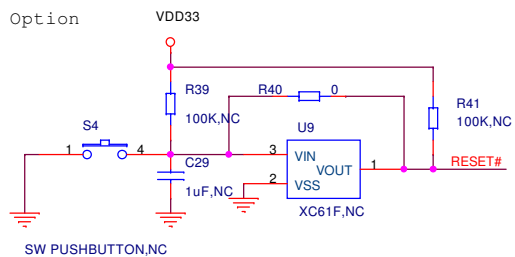


CONNECTOR DB9-M

Option for null modem



Normal : J13.1 and J13.2 must be shorted
J16.1 and J16.2 must be shorted
Null modem : J13.2 and J13.3 must be shorted
J16.2 and J16.3 must be shorted
J14.1 and J14.2 must be shorted
J14.3 and J14.4 must be shorted
J14.5 and J14.6 must be shorted
J14.7 and J14.8 must be shorted



ASIX ELECTRONICS CORPORATION		
Title AX8811015 IP-CAM Demo Board		
Size B	Document Number AX11015-IP-CAM-V2	Rev 2.01
Date:	Monday, July 24, 2006	Sheet 4 of 5

History

V2.00 Init

V2.01 Add AUDIO schematic

1. Add U11 and R93,R94,R95,R96,R97
2. Modify R70 to disconnect
3. Connect LALE to U11.1
 Connect LCS0# to U11.2
 Connect U11.3 to U6.8
4. Connect LALE to R93.1
 Connect R93.2 to U6.1
5. Connect LDA0 to R94.1
 Connect R94.2 to U6.2
6. Connect J9.2 to R95.2
 Connect R95.1 to U6.127
7. Connect J9.3 to R96.2
 Connect R96.1 to U6.93
8. Connect J9.5 to R97.2
 Connect R97.1 to U6.3

ASIX ELECTRONICS CORPORATION		
Title AX8811015 IP-CAM Demo Board		
Size A	Document Number AX11015-IP-CAM-V2	Rev 2.01
Date:	Monday, July 24, 2006	Sheet 5 of 5