

DF-12 Connectors Pins (Updated With 12c additions)-  
Pin 1-VCC 3.3v  
Pin 2-VCC 5v  
Pin 3-BAT 3.7v  
Pin 4-GND  
Pin 5-SDA  
Pin 6-SCL  
Pin 7-GPIO Detect  
Pin 8-Data line 1 (USP,SPI,UART,etc)  
Pin 9- Data line 2  
All other pins- Module customization, like adding a custom feature  
or other future addition.  
DF-12 Connectors for Display and Camera contain different pinouts!  
So refer to the Schematic for pinouts.  
WARNING: Display and Camera Modules are not meant for additions or other features! (Yet...)  
NOTE NEW MAIN BOARD DESIGN!

CAMERA

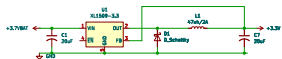
DISPLAY

SoM

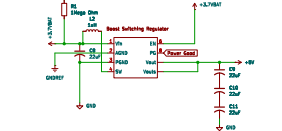
Audio

DAC

3.7v -> 3.3V



3.7v -> 5V



USB and POWER