

# Fubarino SD

www.fubarino.com/SD

A chipKIT compatible board  
Designed by : Brian Schmalz and Rick Anderson

If you like the Fubarino SD, please consider that SchmalzHaus can design a customized version for your specific needs.  
Contact [brian@schmalzhaus.com](mailto:brian@schmalzhaus.com) for more information.

03/06/2012 - v1.0

First prototype version

03/09/2012 - v1.1

Fixed swapped PGC/PGD

Fixed missing VUSB connection

Corrected pin numbering - start at 0

RESET no longer a digital I/O pin

Used 500mA polyfuse

Changed voltage regulator

Changed C5 footprint

Changed to a smaller 8MHz crystal

04/04/2012 - v1.2

GREEN LED goes to ground now not 3.3V

Removed polyfuse

Fixed silk on green LED to say 21

All pin name silk reads the same way

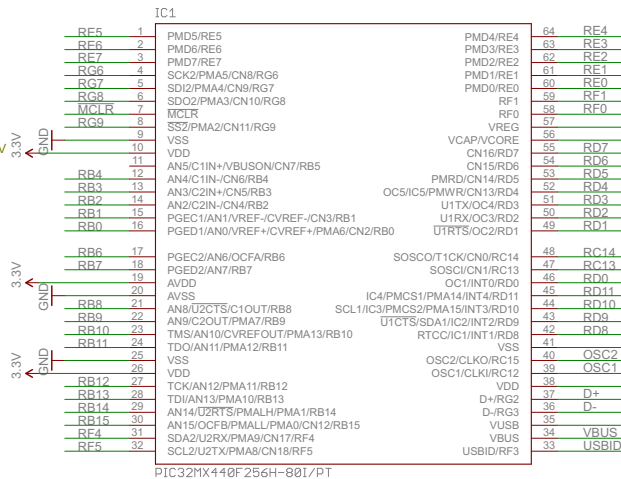
Took 32kHz crystal and caps off BOM

6/8/2012 - v1.3

Added power input diodes

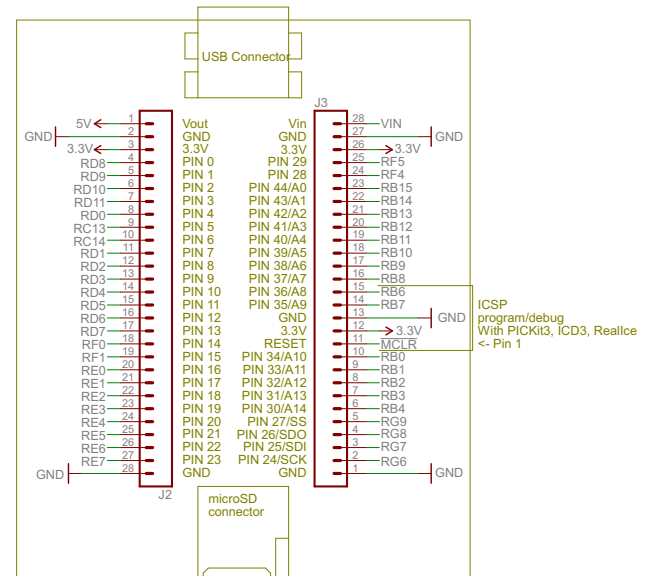
7/16/2012 - v1.4

Changed C13 from 1uF to 10uF

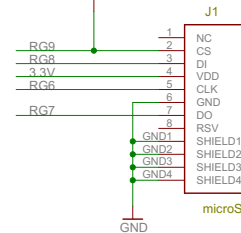
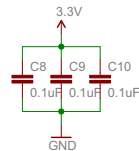
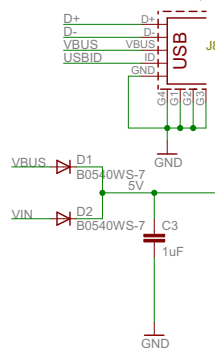


PIC32MX440F256H-801/PT

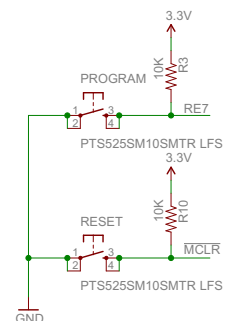
Do Not Populate



USB Function (Mini B)



Board will run on Vin from 2.8V (will supply 2.3V Vcc) to 13.2V  
IC2 will get quite hot at higher Vin voltages  
Board normally consumes about 70mA @3.3V  
So about 180mA of 3.3V is available on 3.3V pins



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OSHW  
LOGO

SCHMALZHAUS



Title: Fubarino\_SD\_v14

Version:

8/31/2012 12:08:31 PM

Drawn By:

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