

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 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

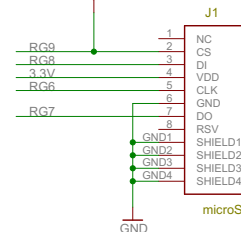
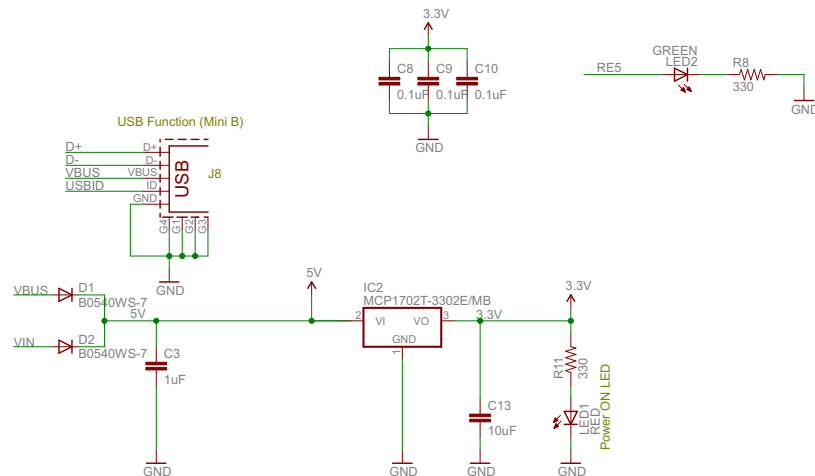
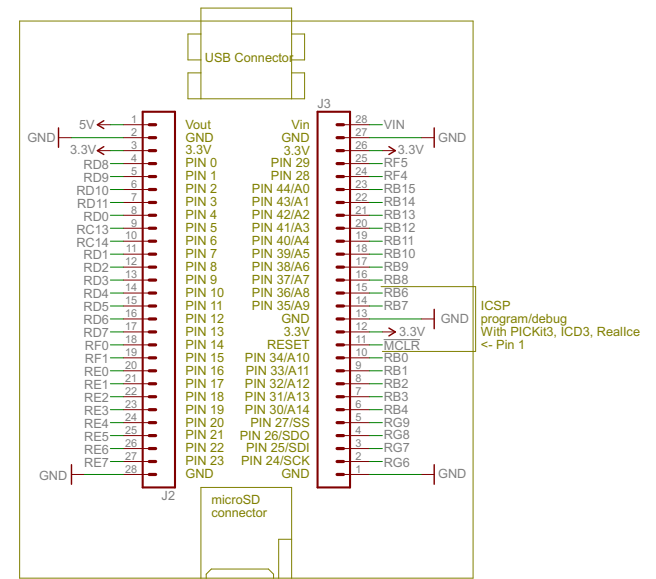
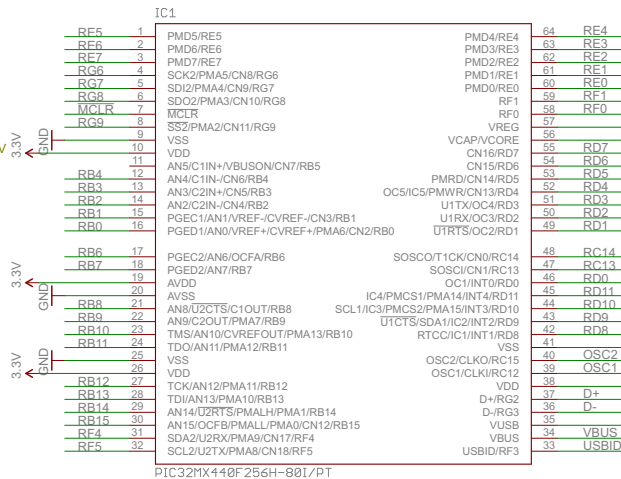
7/16/2012 - v1.4

Changed C13 from 1uF to 10uF

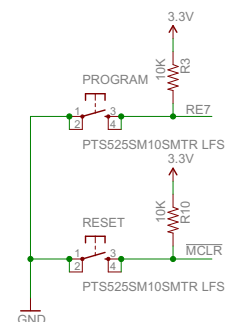
1/10/2013 - v1.5

Added chipKIT to silk

Added RX (pin 8) and TX (pin 9) to silk



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_v15

Version:

1/10/2013 10:16:52 PM

Drawn By:

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