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.

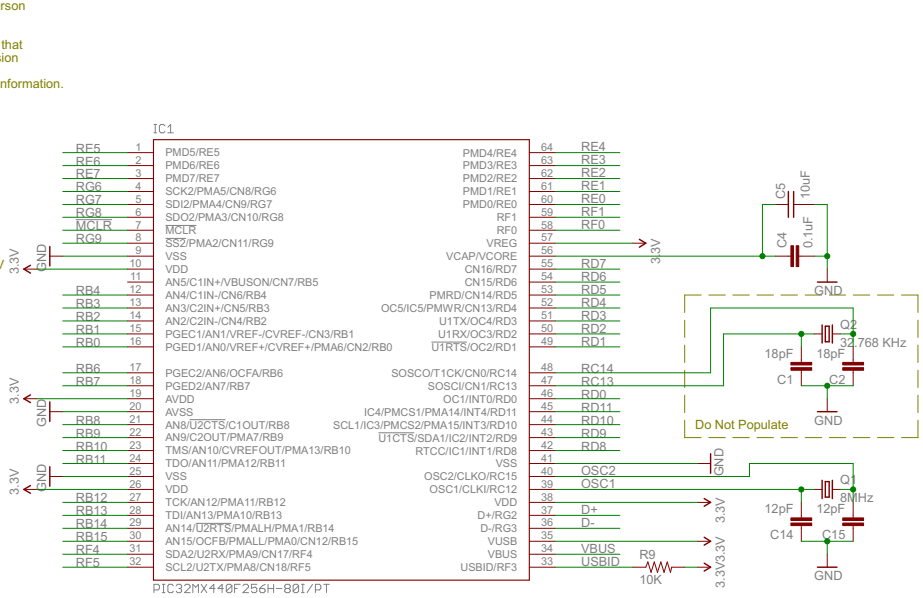
03/06/2012 - v1.0
- First prototype version

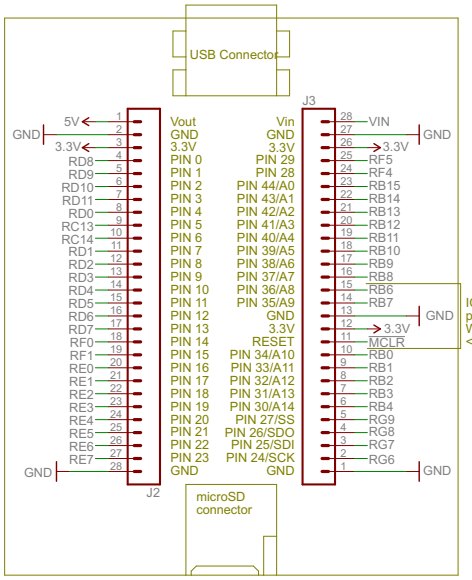
03/09/2012 - v1.1
- Fixed swapped PGC/PGD
- Fixed missing VUSB connection
- Corrected pin numbering - start at 0
- RESET no longer a digital I/O pin
- Used 500mA polyfuse
- Changed voltage regulator
- Changed C5 footprint
- Changed to a smaller 8MHz crystal

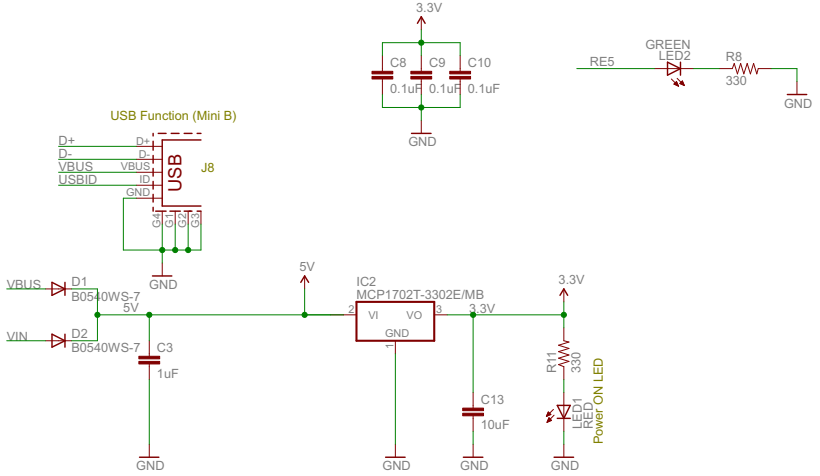
04/04/2012 - v1.2
- GREEN LED goes to ground now not 3.3V
- Removed polyfuse
- Fixed silk on green LED to say 21
- All pin name silk reads the same way
- Took 32kHz crystal and caps off BOM

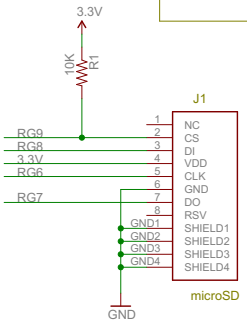
6/8/2012 - v1.3
- Added power input diodes

7/16/2012 - v1.4
- Changed C13 from 1uF to 10uF

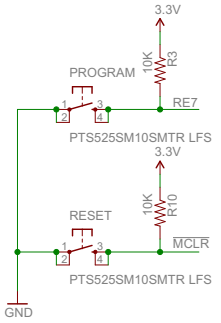








Board will run on Vin from 2.8V (will supply 2.3V Vcc) to 13.2V
IC2 will get quite hot at higher Vin voltages
Board normally consumes about 70mA @3.3V
So about 180mA of 3.3V is available on 3.3V pins



OSHW LOGO

SCHMALZHAUS

Title:	Fubarino_SD_v14
Version:	
	8/31/2012 12:08:31 PM
Drawn By:	1/1