

Fubarino Mini

www.fubarino.org/Mini

A DIP form factor chipKIT® compatible board

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If you like the Fubarino, please consider that SchmalzHaus can design a customized version for your specific needs. Contact brian@schmalzhaus.com for more information.

v1.0 3/13/2012

v1.1 4/4/2012

Switched green LED to sink to GND
Rotated 32KHz crystal so it lies flatter
Removed 32KHz crystal and caps from BOM
Added some pin numbers on top silk

v1.2 6/8/2012

Separate out 5V_OUT and VIN
Swap GND and 5V_OUT/VIN so 5V_OUT/VIN are on end
Added in diodes to allow USB or external VIN power
v1.3 7/17/2012

Extended CPU pads by .3mm for better reworkability

Changed power LED to red

v1.4 7/18/2012

Switched CPU footprint to QFN44

C13 to 10uF for better 3.3V stability

v1.5 02/25/2013 - Microchip version

Changed USB connector to Microchip standard

Added CE, RoSH, and chipKIT graphics to silk on back

v1.6 03/14/2013 - Microchip version

J2 pin 17 is now RESET rather than GND. This allows for external RESET without using J3

R8 and R11 changed to 820 ohms to dim the super bright LEDs

v1.7 05/02/2018

Switched VBUS (pin 42) on micro to VBUS signal rather than 5V.

Diodes switched to 1.5A max current

LDO Reg switched to 600mA output, 5.5V max input

