

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
 - CPU change to PIC32MX270F256D to get twice the Flash and RAM

