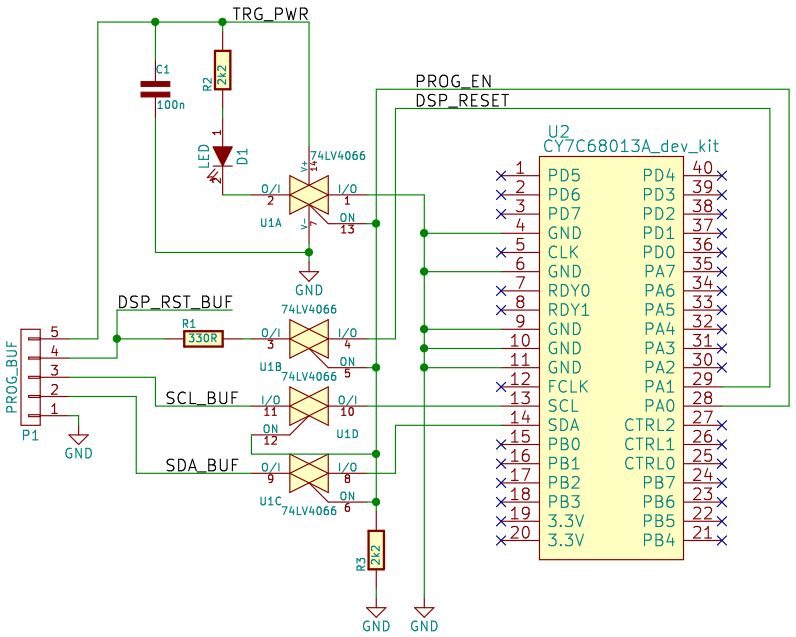
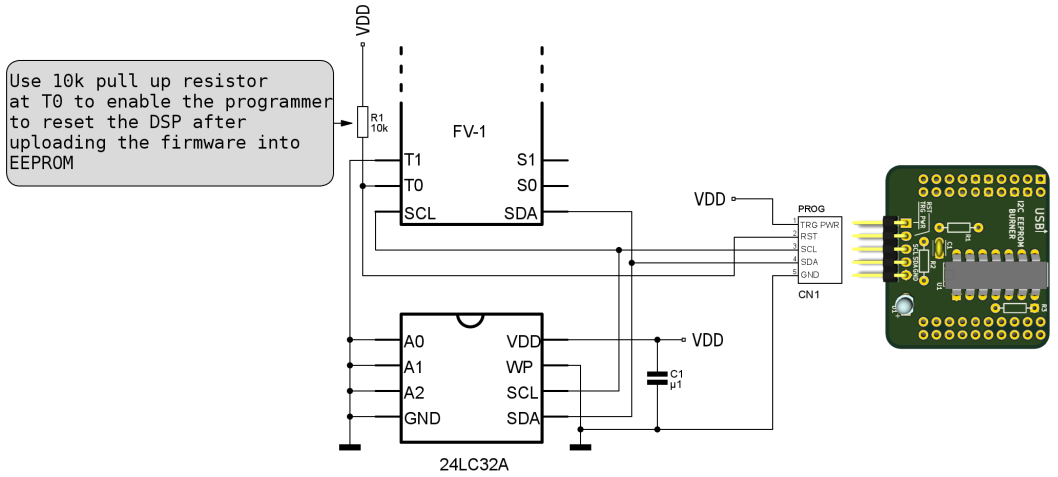
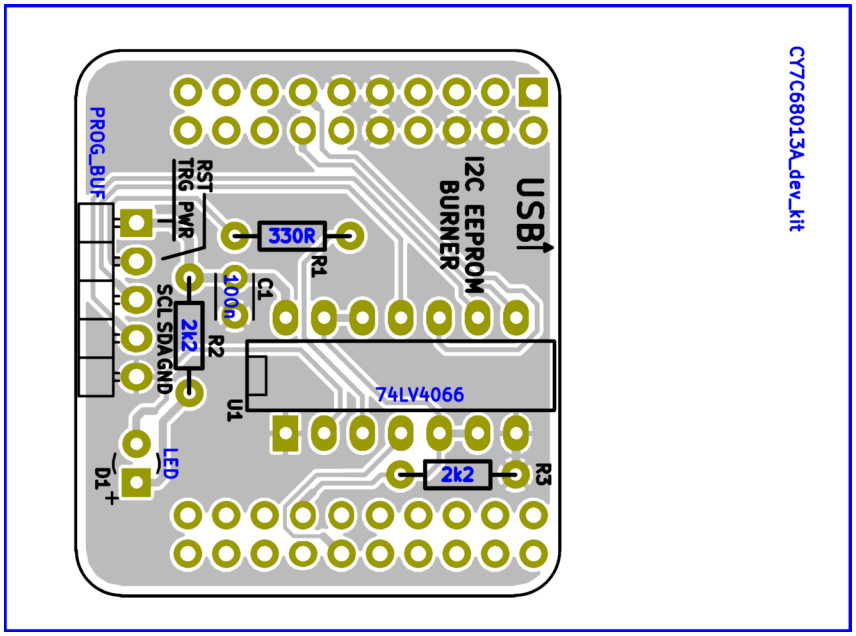


SCHEMATIC



IN SYSTEM PROGRAMMING



EZ-USB FX2LP configuration:

(LCSOFT version)

1. Install jumper J1 setting the onboard EEPROM I2C address to 0xA2
2. Hook up your EEPROM programmer (ie. PICKIT2) to the I2C: SCL, SDA, 3.3V and GND lines
3. Plug in the USB to power up the board
4. Erase the EEPROM and write seq

   C0 79 18 01 10 00 00 00

   starting from the address 0x00
5. Unplug the USB cable
6. Install the daughter board
7. Plug in the USB cable – the board should be detected as Spin Dev Board ONLINE within the SpinAsm software

BOM:

Id	Designator	Quantity	Description
1	P1	1	Pin Header Angled 1x05
2	U2	1	EZ-USB FX2LP CY7C68013A dev board
3	U1	1	74LV4066 DIP-14
4	D1	1	3mm RED LED
5	C1	1	100n/50V Ceramic RM2.5mm
6	R1	1	330R TH RM7.5mm
7	R2,R3	2	2k2 TH RM7.5mm

FV1 EEProg

Sheet: /
File: FV1-usbprog.sch

Title: FV1 EEProg

Size: A4	Date: 2015-10-16	Rev: 1.0
		Id: 1/1