

- (1) make sure no power flows backwards to the LEDs when just the programmer is connected.
- (2) We don't want any power bleeding through input clamping diodes when just the programmer is connected and the main power supply is off.
- (3) micro-Match 2x2, 2.54mm / 1.27mm, female, SMD, main-board (AMP PN: 188275-4)
- (4) micro-Match 2x2, 2.54mm / 1.27mm, male, TH, daughter-board (AMP PN: 215464-4)

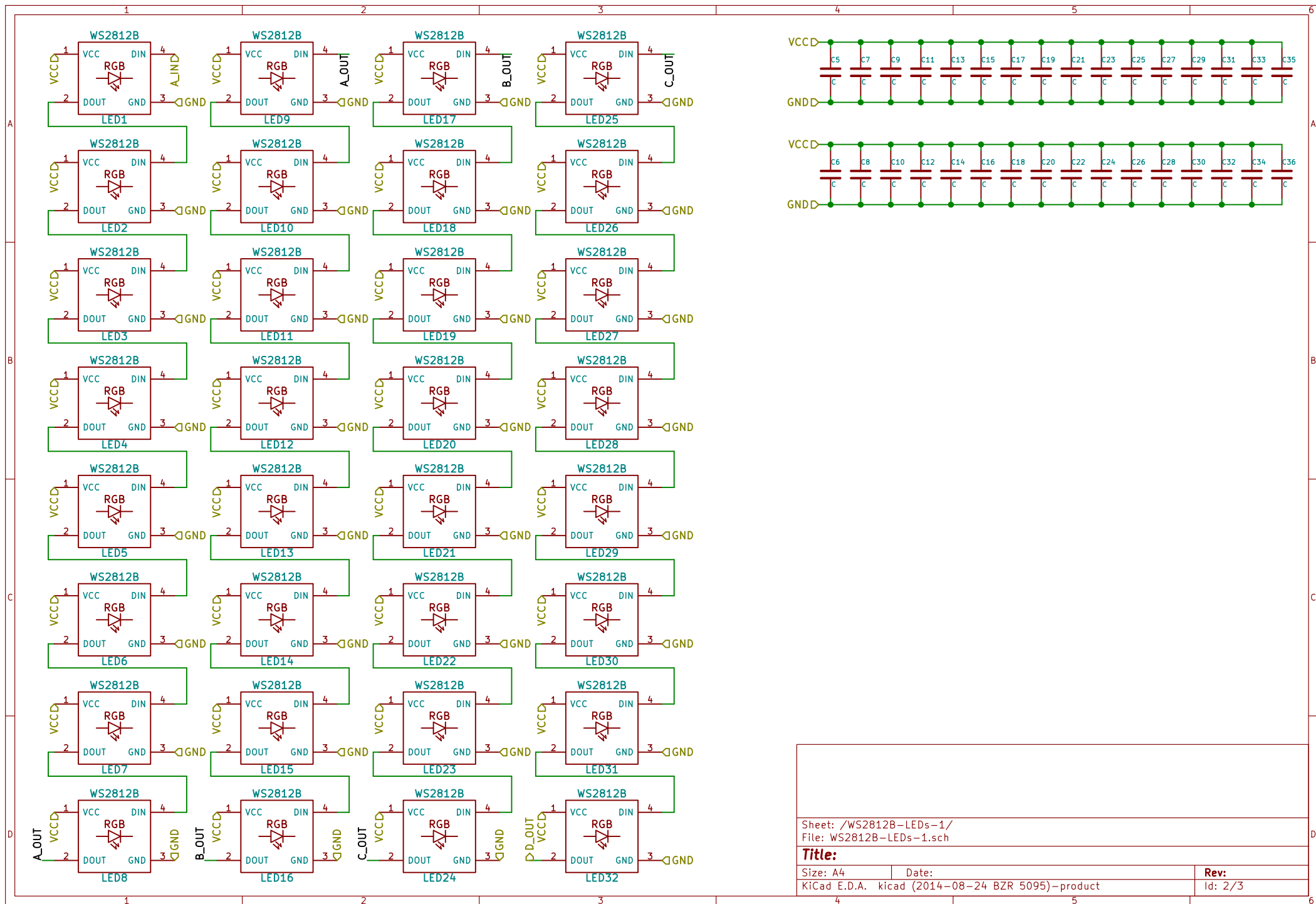
2014 – [blog.spitzenpfeil.org](http://blog.spitzenpfeil.org)

Sheet: /  
File: IKEA-Samtid\_mood-light.sch

**Title: IKEA-Samtid\_mood-light**

Size: A4 Date: 25 Aug 2014  
KiCad E.D.A. kicad (2014-08-24 BZR 5095)-product

Rev: 0.31  
Id: 1/3



Sheet: /WS2812B-LEDs-1/  
File: WS2812B-LEDs-1.sch

**Title:**

Size: A4  
KiCad E.D.A. kicad (2014-08-24 BZR 5095)-product

Date:

Rev:  
Id: 2/3

