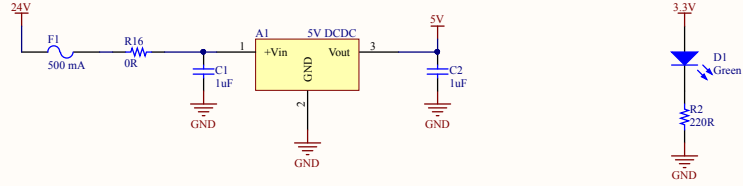
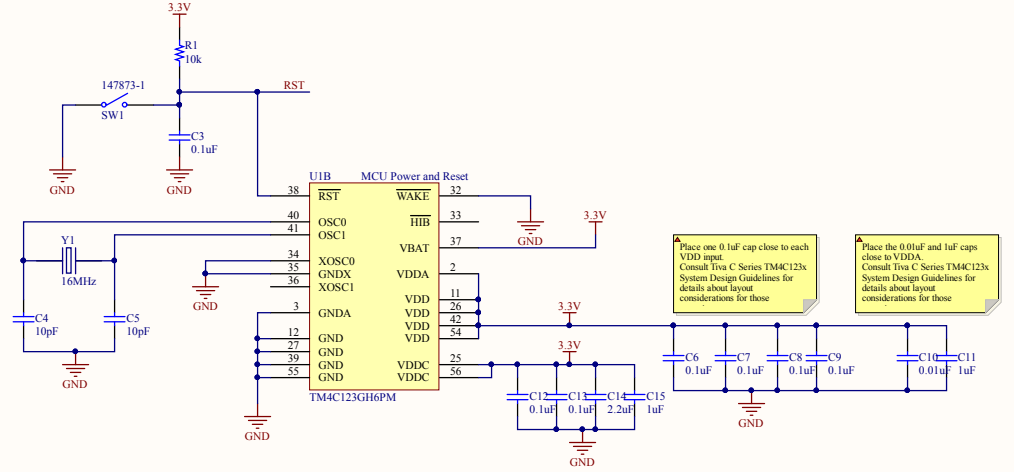


## Voltage regulation and protection



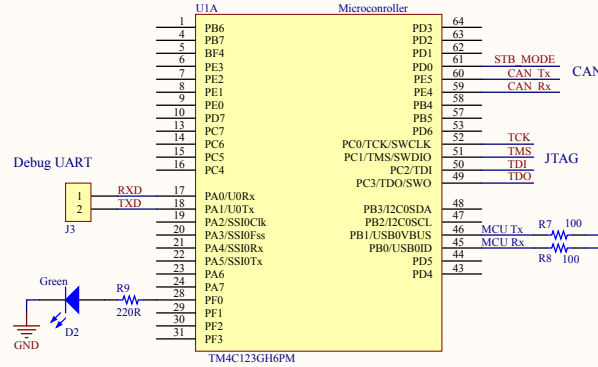
3.3V regulated voltage comes from the HLK-RM04 module (VO3.3)

## Microcontroller power, oscillator, reset pin, wake pin,...

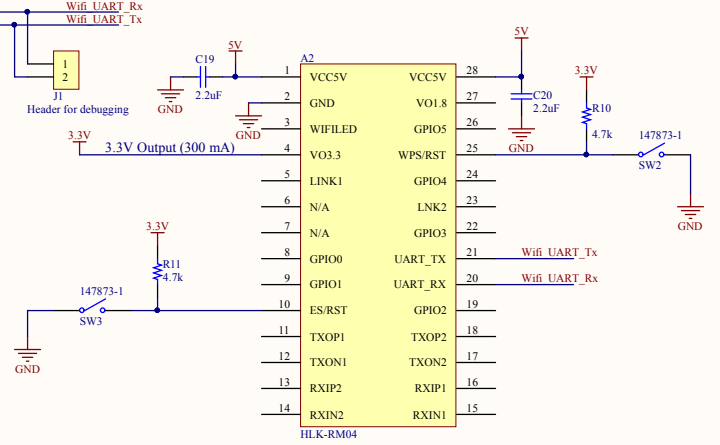
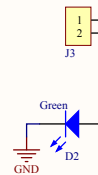


Place one 0.1uF cap close to each VDD input. Consult Tiva C Series TM4C123x System Design Guidelines for details about layout considerations for those

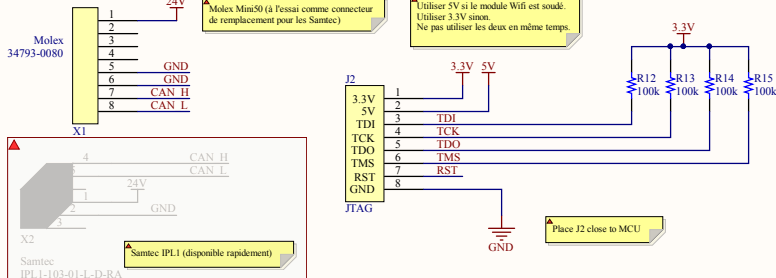
Place the 0.01uF and 1uF caps close to VDDA. Consult Tiva C Series TM4C123x System Design Guidelines for details about layout considerations for those



## Debug UART



## Connectors

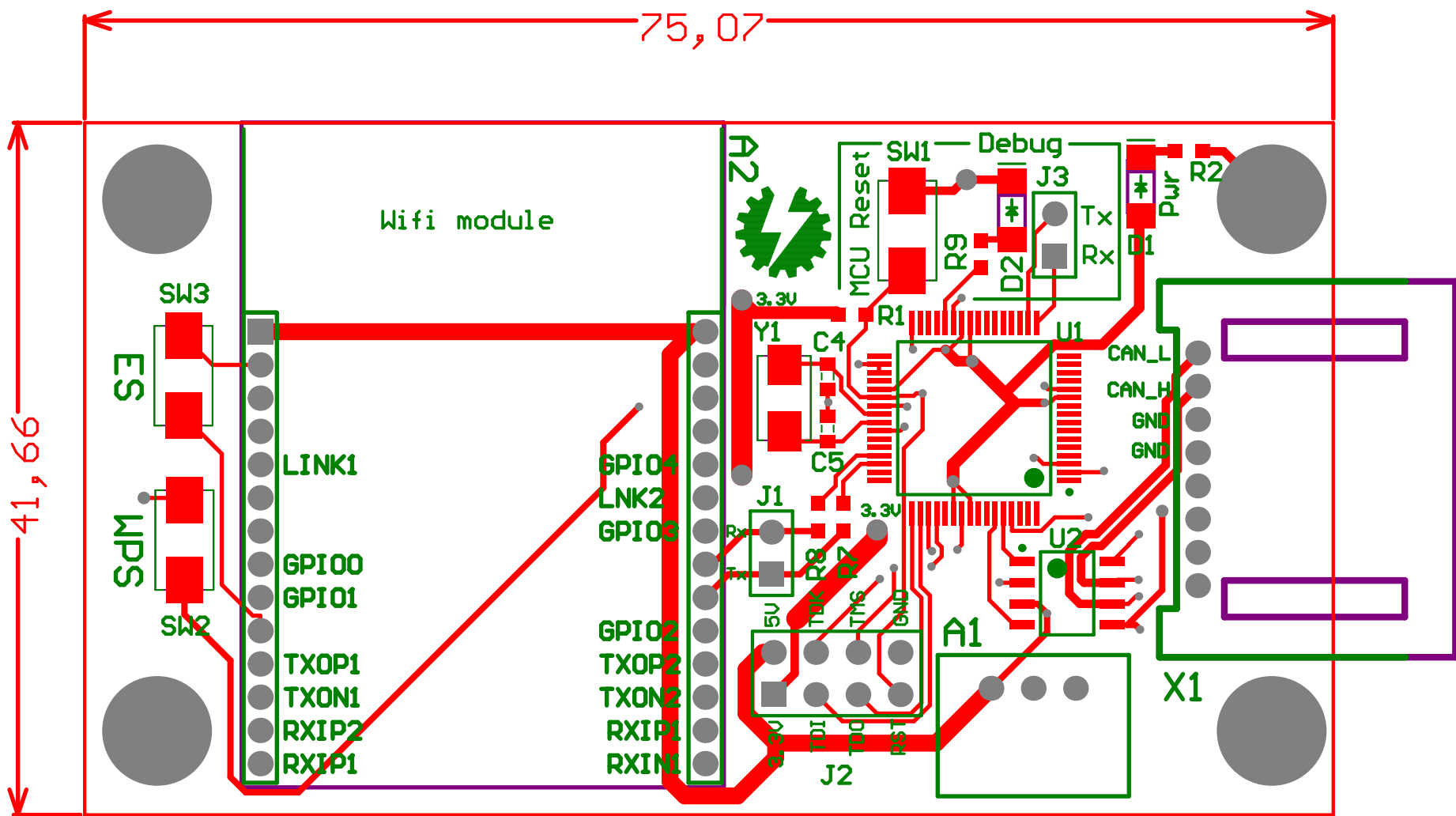


Molex Mini50 (à l'essai comme connecteur de remplacement pour les Samtec)

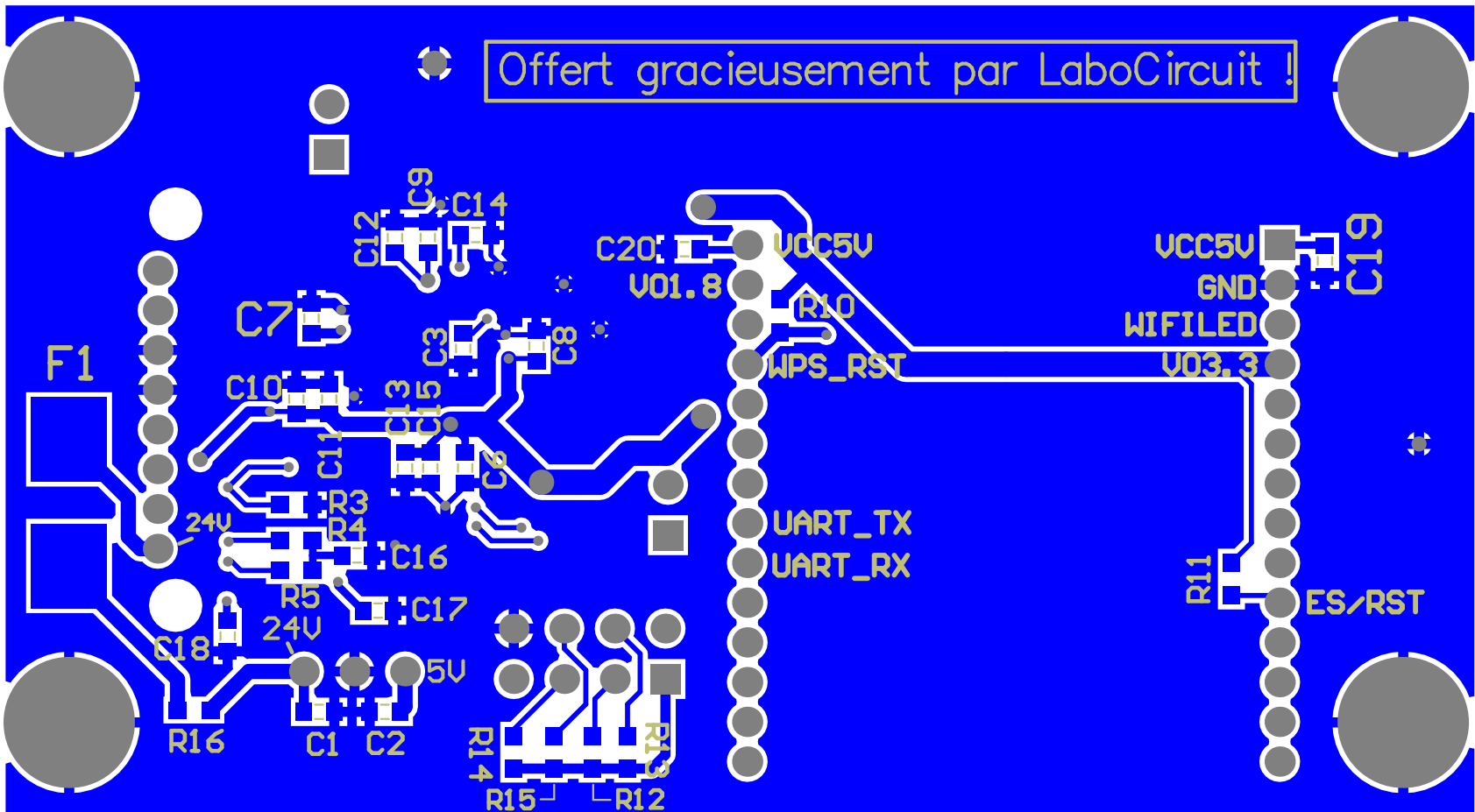
Utiliser 5V si le module Wifi est soudé. Utiliser 3.3V sinon. Ne pas utiliser les deux en même temps.

Place J2 close to MCU

Title		
Size	Number	Revision
Tabloid		
Date:	2015-09-20	Sheet of
File:	D:\Vbox Partage\module_wifi\SchDoc	Drawn By:



Top Overlay  
Top Layer



Bottom Overlay  
Bottom Layer

