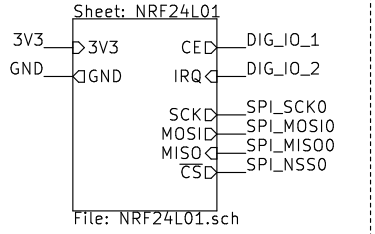
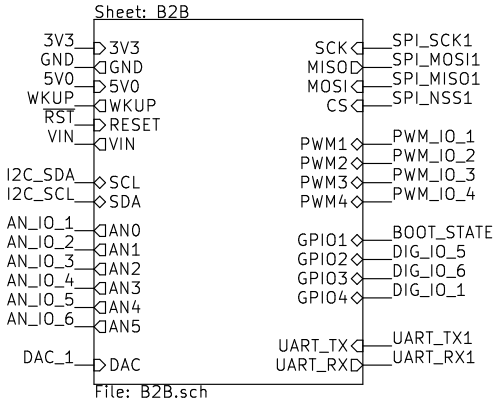
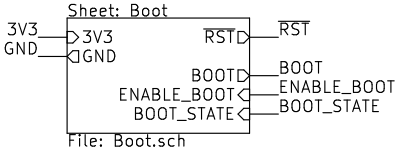
NRF24L01



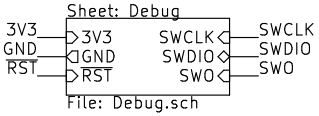
B2B



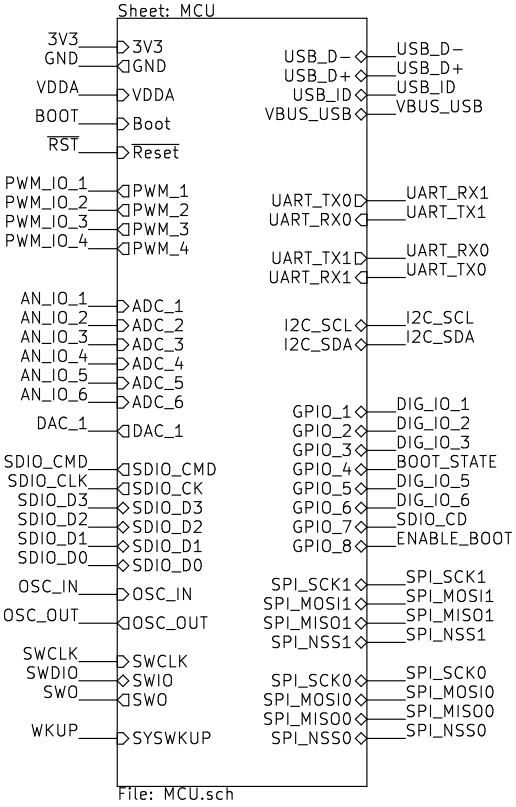
Boot & Reset



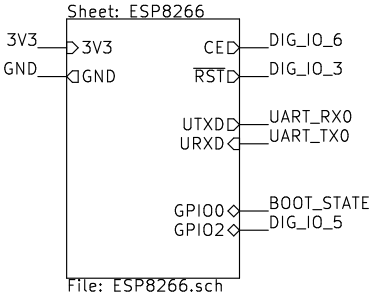
Debug



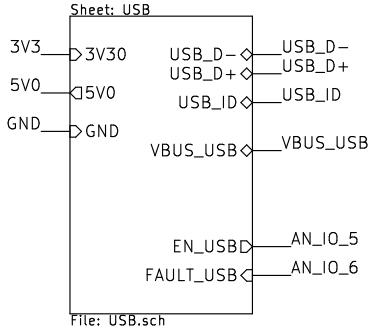
MCU



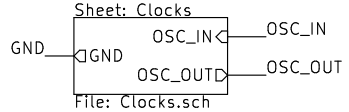
ESP8266



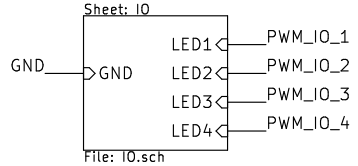
USB_FS



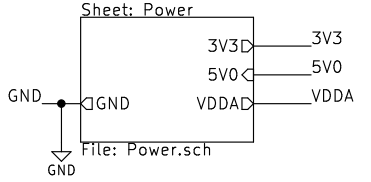
External Clocks



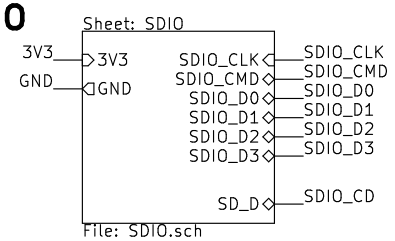
IO



Power Supply



SDIO



Kodillo compatible
https://github.com/javifercep/Krakoski

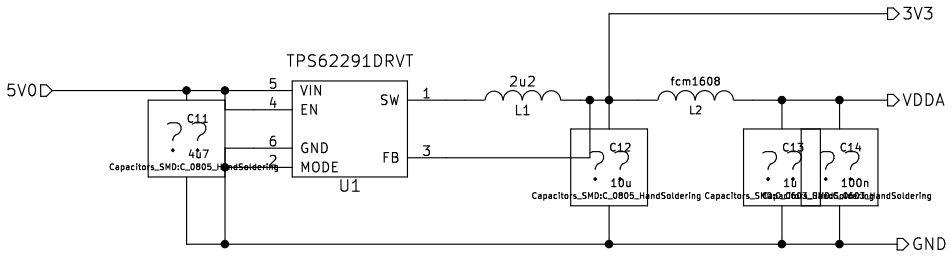
Javier Fernández Cepeda

Sheet: /
File: Krakoski.sch

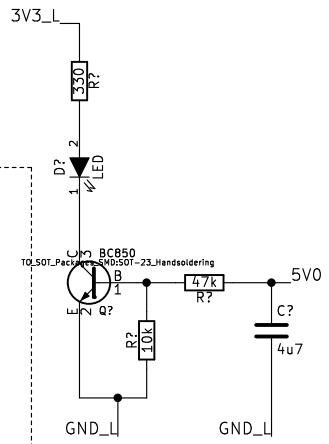
Title: Noodleboard

Size: A4	Date: 2015-10-03	**Rev: 1.0.0**
KiCad E.D.A. kicad 4.0.0-rc1-stable		Id: 1/12

Power



Power signaling



Kodillo compatible
https://github.com/javifercep/Krakoski

Javier Fernández Cepeda

Sheet: /Power/
File: Power.sch

Title: Noodleboard

Size: A4	Date: 2015-10-03	**Rev: 1.0.0**
KiCad E.D.A. kicad 4.0.0-rc1-stable		Id: 2/12

Power supply

3V3 — 3V3_L

GND — GND_L

Boot interface

BOOT — BOOT_L

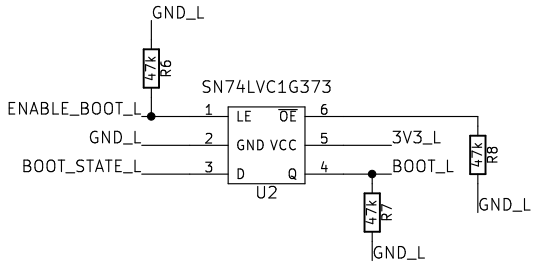
ENABLE_BOOT — ENABLE_BOOT_L

BOOT_STATE — BOOT_STATE_L

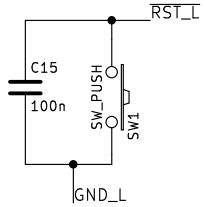
Reset interface

RST — RST_L

Boot circuit



Reset circuit



Kodillo compatible
https://github.com/javifercep/Krakoski

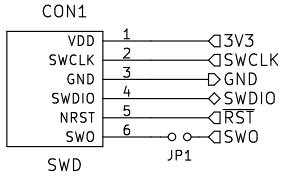
Javier Fernández Cepeda

Sheet: /Boot/
File: Boot.sch

Title: Noodleboard

Size: A4	Date: 2015-10-03	**Rev: 1.0.0**
KiCad E.D.A. kicad 4.0.0-rc1-stable		Id: 3/12

Serial Wire Debug
STLINK



Kodillo compatible
https://github.com/javifercep/Krakoski

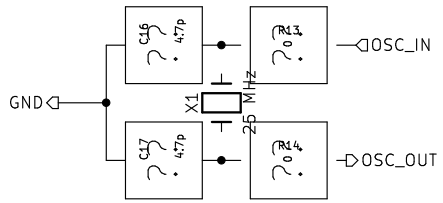
Javier Fernández Cepeda

Sheet: /Debug/
File: Debug.sch

Title: Noodleboard

Size: A4	Date: 2015-10-03	**Rev: 1.0.0**
KiCad E.D.A. kicad 4.0.0-rc1-stable		Id: 4/12

External clock



Kodillo compatible
https://github.com/javifercep/Krakoski

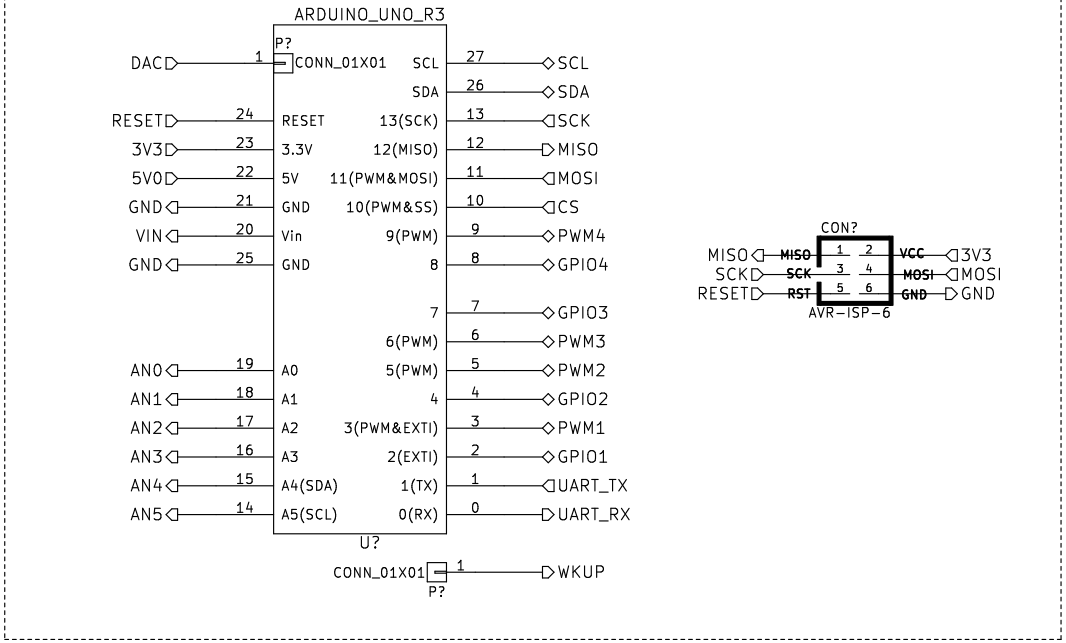
Javier Fernández Cepeda

Sheet: /Clocks/
File: Clocks.sch

Title: Noodleboard

Size: A4	Date: 2015-10-03	**Rev: 1.0.0**
KiCad E.D.A. kicad 4.0.0-rc1-stable		Id: 5/12

Board to board connector



Kodillo compatible
https://github.com/javifercep/Krakoski

Javier Fernández Cepeda

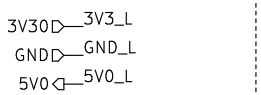
Sheet: /B2B/
File: B2B.sch

Title: Noodleboard

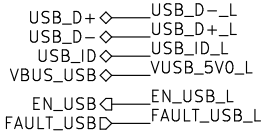
Size: A4	Date: 2015-10-03	**Rev: 1.0.0**
KiCad E.D.A. kicad 4.0.0-rc1-stable		Id: 6/12

USB_Full_Speed

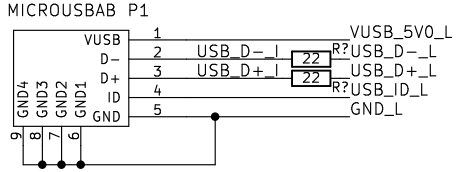
Power supply



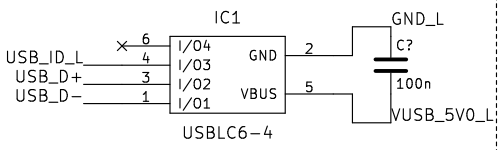
USB MCU Interface



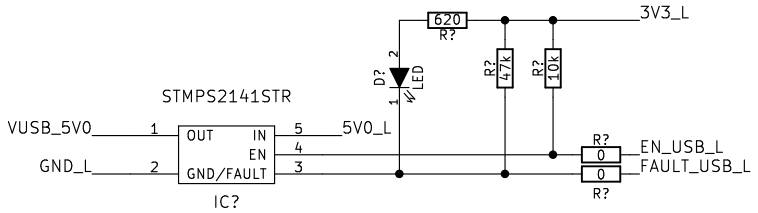
Connector



ESD protection



USB OTG



Kodillo compatible
https://github.com/javifercep/Krakoski

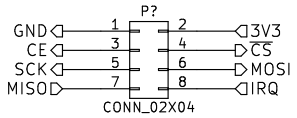
Javier Fernández Cepeda

Sheet: /USB/
File: USB.sch

Title: Noodleboard

Size: A4	Date: 2015-10-03	**Rev: 1.0.0**
KiCad E.D.A. kicad 4.0.0-rc1-stable		Id: 7/12

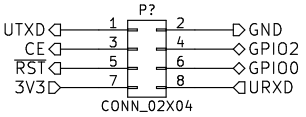
NRF24L01 Interface



MCU internal pull-ups & pull-downs are used

Sheet: /NRF24L01/ File: NRF24L01.sch		
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad 4.0.0-rc1-stable		Id: 8/12

ESP8266 Interface



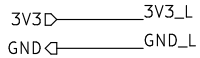
MCU internal pull-ups & pull-downs are used

Sheet: /ESP8266/
File: ESP8266.sch

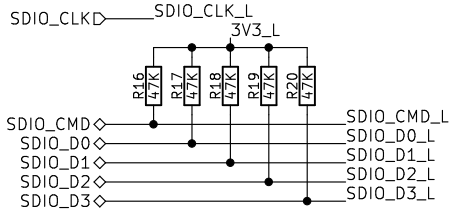
Title:

Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad 4.0.0-rc1-stable		Id: 9/12

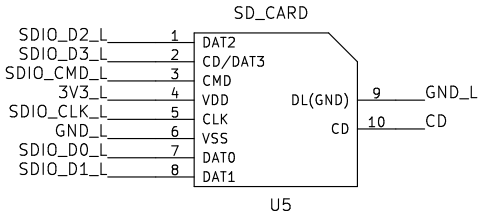
Power supply



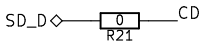
SDIO interface



SD Card Connector



SD Card detection



Kodillo compatible
https://github.com/javifercep/Krakoski

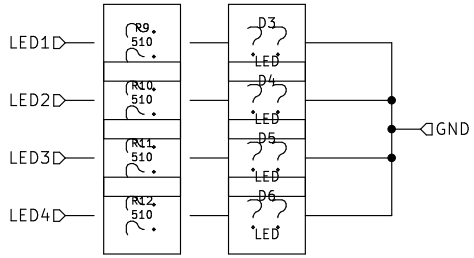
Javier Fernández Cepeda

Sheet: /SDIO/
File: SDIO.sch

Title: Noodleboard

Size: A4	Date: 2015-10-03	**Rev: 1.0.0**
KiCad E.D.A. kicad 4.0.0-rc1-stable		Id: 10/12

On board LEDs



Kodillo compatible
https://github.com/javifercep/Krakoski

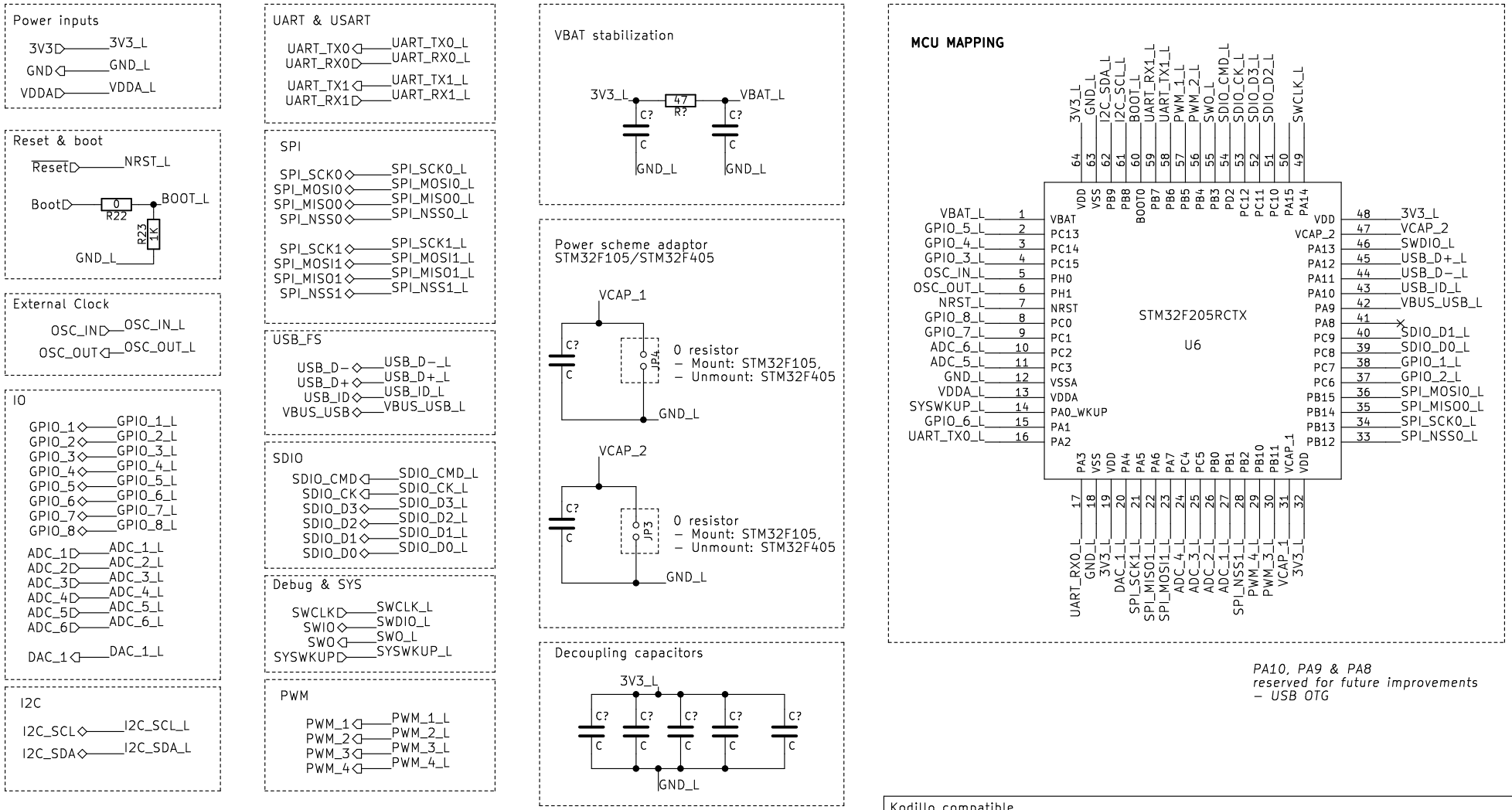
Javier Fernández Cepeda

Sheet: /IO/
File: IO.sch

Title: Noodleboard

Size: A4	Date: 2015-10-03	**Rev: 1.0.0**
KiCad E.D.A. kicad 4.0.0-rc1-stable		Id: 11/12

MCU: STM32F405 / STM32F205 / STM32F105



Kodillo compatible
https://github.com/javifercep/Krakoski

Javier Fernández Cepeda

Sheet: /MCU/
File: MCU.sch

Title: Noodleboard

Size: A4	Date: 2015-10-03	**Rev: 1.0.0**
KiCad E.D.A. kicad 4.0.0-rc1-stable		Id: 12/12