

Διάγραμμα διασύνδεσης των εξαρτημάτων



Σκέψη:
Σύστημα Κινητού
Εντοπισμού Προβλημάτων σε
Ηλικιωμένους



Γυμνάσιο Αντιρρίου
Ομάδα εργασίας: **eKids-4-@!!**

Απρίλιος 2019

Li-Po battery, 3.7v 2600mAh

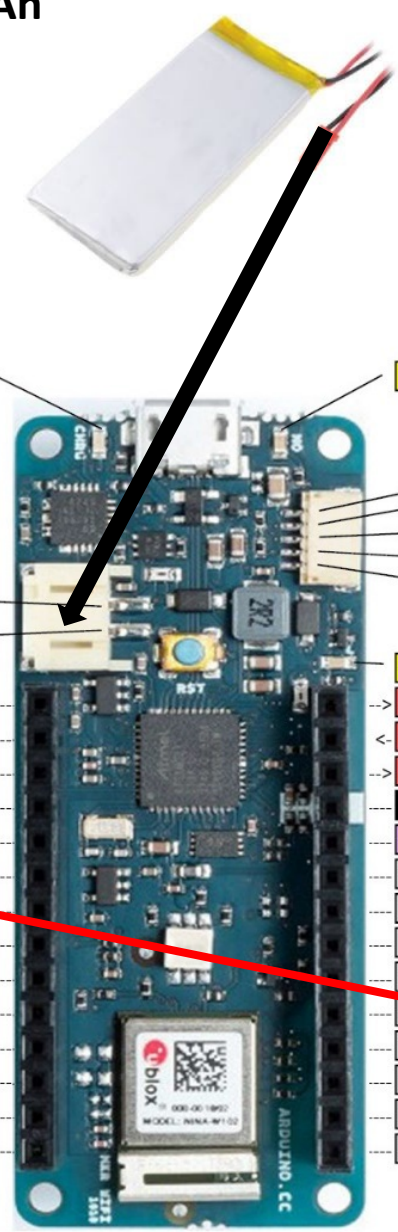
Unofficial
MKR WIFI 1010 PinOut

ATSAMD21G18A-48QFN
 SRAM 32 kB
 FLASH 256 kB

DC Current per I/O Pin: max. 7 mA

min
 0.7 Ah
 Li-Po +
 3.7 V -

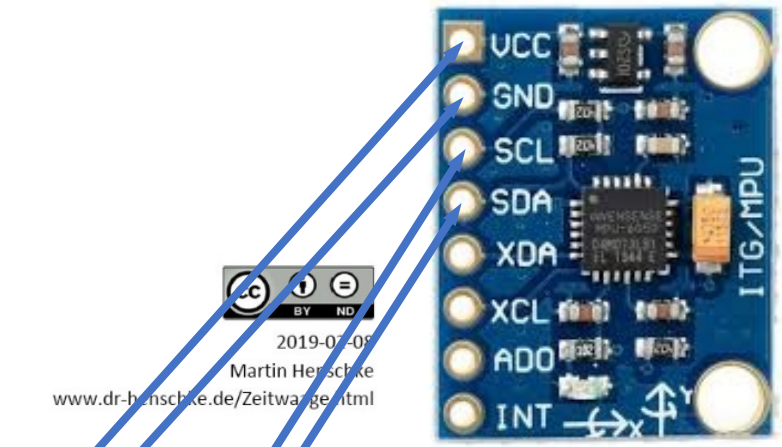
PA03	AREF
PA02	DAC0 A0 D15
SC5 P0a	PB02 INT[2] A1 D16
SC5 P1a	PB03 INT[3] A2 D17
SC0 P0a	PA04 PWM A3 D18
SC0 P1a	PA05 PWM A4 D19
SC0 P2a	PA06 A5 D20
SC0 P3a	PA07 A6 D21
SC3 P0	PA22 INT[6] D0
SC3 P1	PA23 INT[7] D1
SC0 P2	PA10 D2
SC0 P3	PA11 D3
PB10	INT[10] D4
PB11	INT[11] D5



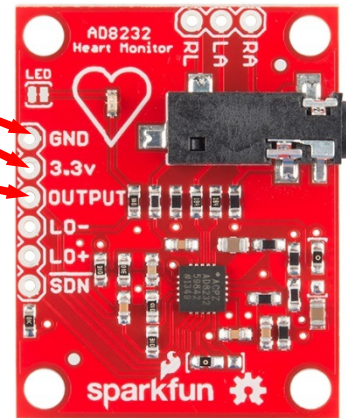
GND
4k7 3V3 PA08
4k7 3V3 PA09
PA21
+5V

- Power
- Analog
- Serial
- Digital I/O
- Dig. I/O + PWM
- Port
- LED
- Interrupt

LED-D6
+5V
VIN exact 5V
+3V3
GND
RESET
D14
D13
D12
D11
D10
D9
D8
D7
D6
INT[4]



2019-07-08
 Martin Henschke
www.dr-henschke.de/Zeitwaegen.html



LED LiPo

LED On

min
 0.7 Ah
 Li-Po +
 3.7 V -

LED-D6

+5V

VIN exact 5V

+3V3

GND

RESET

D14

D13

D12

D11

D10

D9

D8

D7

D6

INT[4]

- Power
- Analog
- Serial
- Digital I/O
- Dig. I/O + PWM
- Port
- LED
- Interrupt

TX
RX
SCL
SDA
MISO
SCK
MOSI
PA17
PA16
PA21
PA20
SC5 P2a
SC5 P3a
SC0 P1
SC0 P0
SC1 P3
SC1 P1
SC1 P0
SC3 P3a
SC3 P2a

min
 0.7 Ah
 Li-Po +
 3.7 V -

LED-D6

+5V

VIN exact 5V

+3V3

GND

RESET

D14

D13

D12

D11

D10

D9

D8

D7

D6

INT[4]

- Power
- Analog
- Serial
- Digital I/O
- Dig. I/O + PWM
- Port
- LED
- Interrupt

TX
RX
SCL
SDA
MISO
SCK
MOSI
PA17
PA16
PA21
PA20
SC5 P2a
SC5 P3a
SC0 P1
SC0 P0
SC1 P3
SC1 P1
SC1 P0
SC3 P3a
SC3 P2a