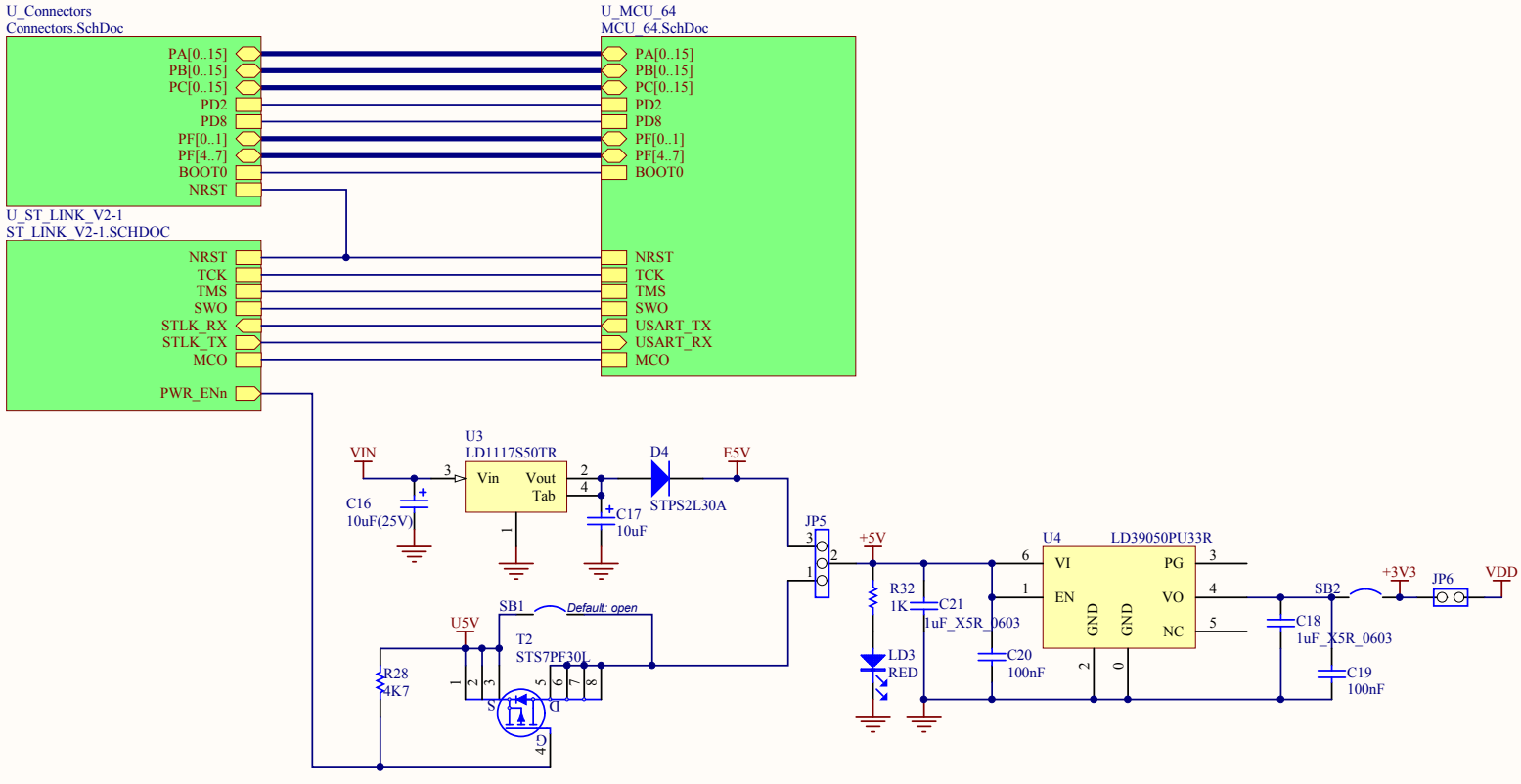
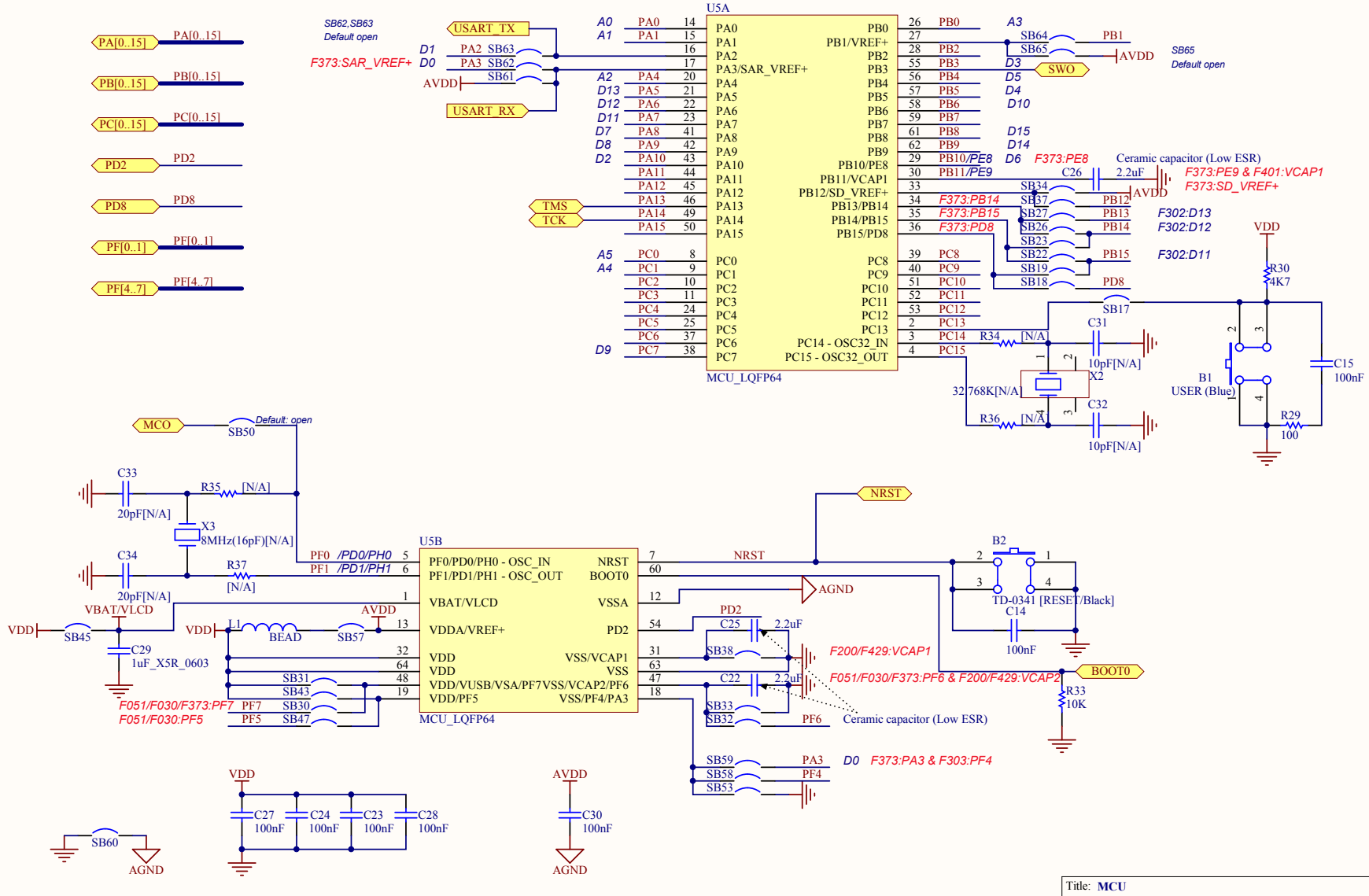
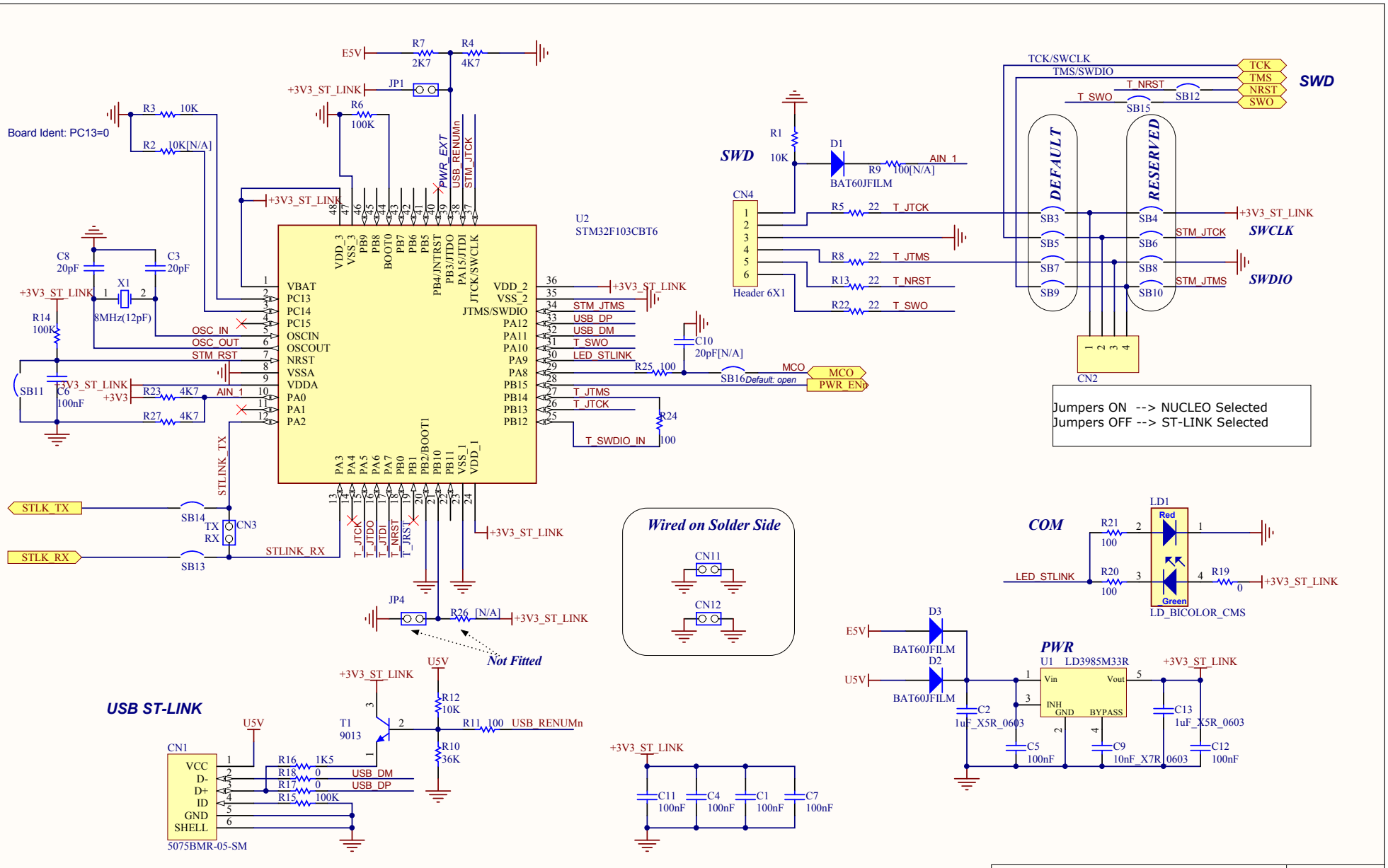



Note: Text in italic placed on a wire doesn t correspond to net name. It just helps to identify rapidly Arduino's signal related to this wire.

| | | |
|---|---|---|
| Title: **TOP & POWER** | | |
| Project: **NUCLEO-XXXXRX** | | |
| Size: A4 | Reference: MB1136 | Revision: C.1 |
| Date: 12/18/2013 | | Sheet: 1 of 4 |

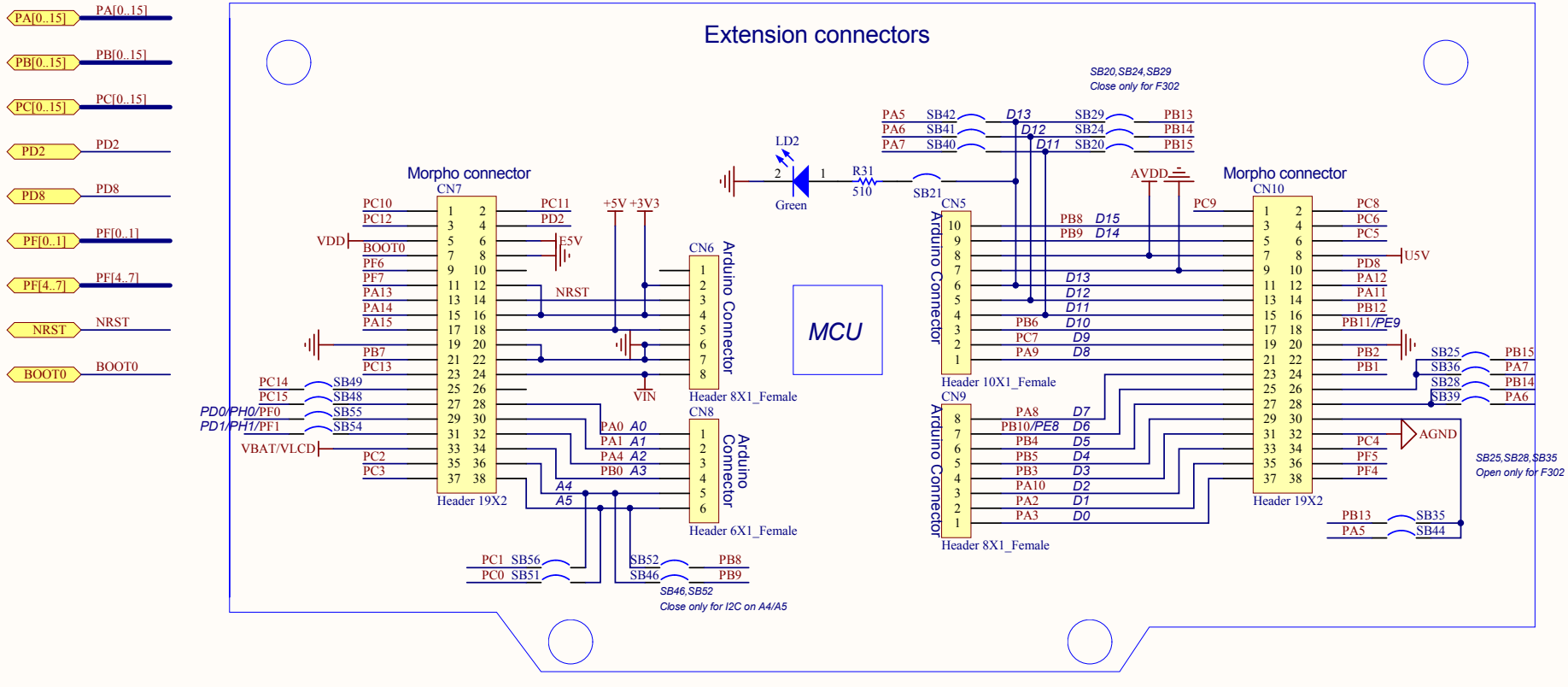
life.augmented


PA[0..15]
PB[0..15]
PC[0..15]
PD2
PD8
PF[0..1]
PF[4..7]
SB62,SB63
Default open
USART_TX
USART_RX
F373:SAR_VREF+
AVDD
TMS
TCK
U5A
MCU_LQFP64
SB64
SB65
SWO
Ceramic capacitor (Low ESR)
C26
2.2uF
F373:PE9 & F401:VCAP1
F373:SD_VREF+
F373:PB14
F373:PB15
F373:PD8
F373:PE8
F302:D13
F302:D12
F302:D11
VDD
R30
4K7
C31
10pF[N/A]
R34
[N/A]
X2
32.768K[N/A]
R36
C32
B1
USER (Blue)
C15
100nF
R29
100
MCO
Default: open
SB50
C33
20pF[N/A]
R35
X3
8MHz(16pF)[N/A]
C34
R37
VBAT/VLCD
SB45
C29
1uF_X5R_0603
L1
BEAD
SB57
U5B
MCU_LQFP64
NRST
B2
TD-0341 [RESET/Black]
C14
100nF
BOOT0
R33
10K
AGND
PD2
C25
SB38
C22
SB33
SB32
PF6
F200/F429:VCAP1
F051/F030/F373:PF6 & F200/F429:VCAP2
Ceramic capacitor (Low ESR)
SB59
SB58
SB53
PA3
PF4
D0
F373:PA3 & F303:PF4
SB31
SB43
SB30
SB47
PF7
PF5
F051/F030/F373:PF7
F051/F030:PF5
C27
C24
C23
C28
C30
SB60
Title: MCU
Project: NUCLEO-XXXXRX
Size: A4
Reference: MB1136
Revision: C.1
Date: 12/20/2013
Sheet: 2 of 4
life.augmented




| | | |
|---|---|---|
| Title: **STLINK/V2-1** | | |
| Project: **NUCLEO-XXXXRX** | | |
| Size: A4 | Reference: MB1136 | Revision: C.1 |
| Date: 1/28/2014 | | Sheet: 3 of 4 |

life.augmented


PA[0..15]
PB[0..15]
PC[0..15]
PD2
PD8
PF[0..1]
PF[4..7]
NRST
BOOT0
Extension connectors
SB20,SB24,SB29
Close only for F302
LD2
Green
R31
510
SB21
MCU
Morpho connector
CN7
Header 19X2
CN6
Arduino Connector
Header 8X1_Female
CN8
Header 6X1_Female
SB46,SB52
Close only for I2C on A4/A5
CN5
Header 10X1_Female
CN9
Header 8X1_Female
CN10
Header 19X2
SB25,SB28,SB35
Open only for F302
Title: Extension connectors
Project: NUCLEO-XXXXRX
Size: A4
Reference: MB1136
Revision: C.1
Date: 1/28/2014
Sheet: 4 of 4
life.augmented