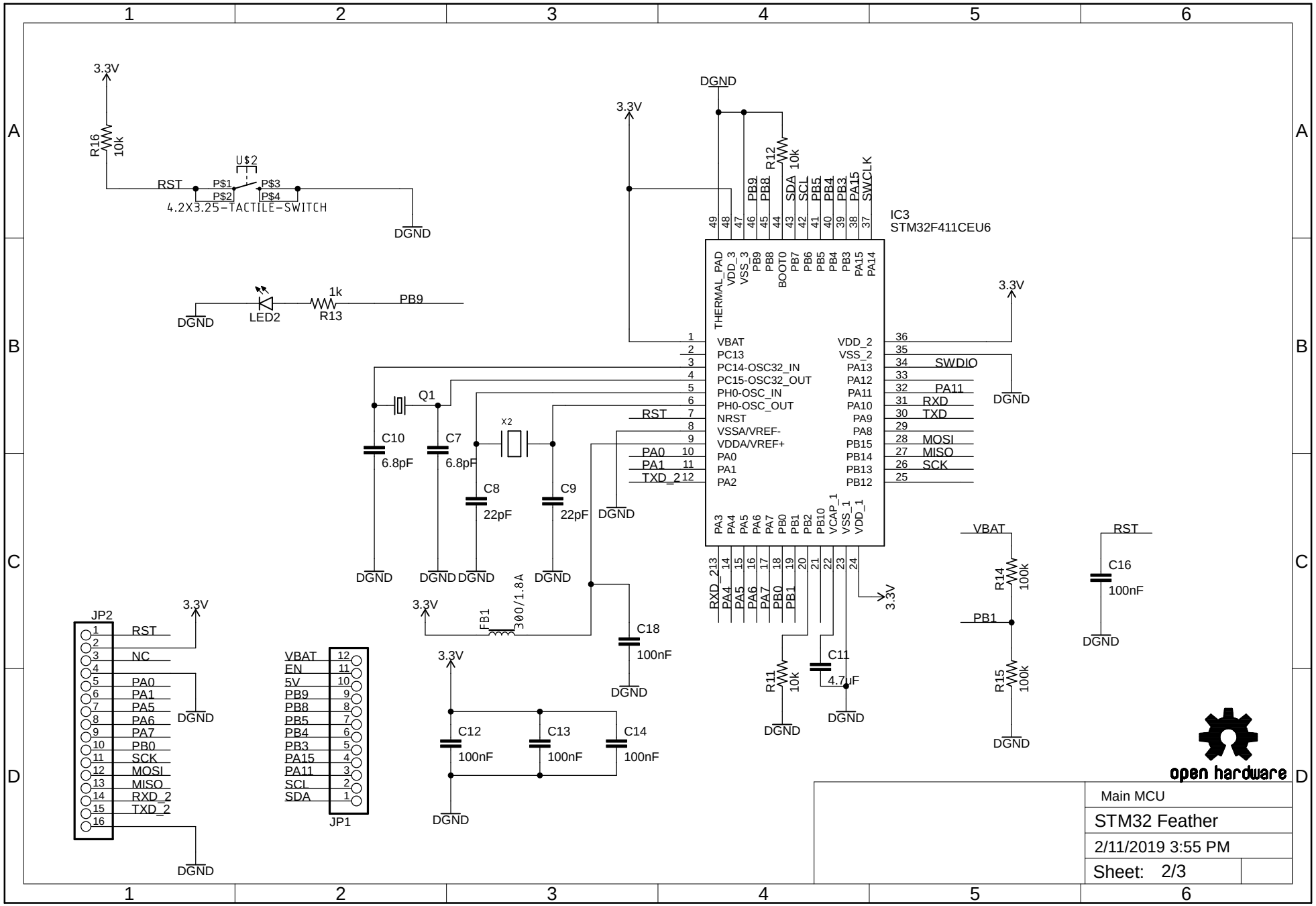
3.3V
R16
10k
U$2
RST
P$1
P$2
P$3
P$4
4.2X3.25-TACTILE-SWITCH
DGND
LED2
1k
R13
PB9
IC3
STM32F411CEU6
THERMAL_PAD
VDD_3
VSS_3
PB9
PB8
BOOT0
PB7
PB6
PB5
PB4
PB3
PA15
PA14
R12
10k
SDA
SCL
PB5
PB4
PB3
PA15
SWCLK
VBAT
PC13
PC14-OSC32_IN
PC15-OSC32_OUT
PH0-OSC_IN
PH0-OSC_OUT
NRST
VSSA/VREF-
VDDA/VREF+
PA0
PA1
PA2
VDD_2
VSS_2
PA13
PA12
PA11
PA10
PA9
PA8
PB15
PB14
PB13
PB12
SWDIO
PA11
RXD
TXD
MOSI
MISO
SCK
PA3
PA4
PA5
PA6
PA7
PB0
PB1
PB2
PB10
VCAP_1
VSS_1
VDD_1
RXD_2
Q1
X2
C10
6.8pF
C7
6.8pF
C8
22pF
C9
22pF
FB1
300/1.8A
C18
100nF
C11
4.7uF
R11
10k
R14
100k
R15
100k
C16
100nF
PB1
C12
100nF
C13
100nF
C14
100nF
JP2
NC
PA5
PA6
PA7
PB0
SCK
MOSI
MISO
RXD_2
TXD_2
JP1
VBAT
EN
5V
PB9
PB8
PB5
PB4
PB3
PA15
PA11
SCL
SDA
open hardware
Main MCU
STM32 Feather
2/11/2019 3:55 PM
Sheet: 2/3