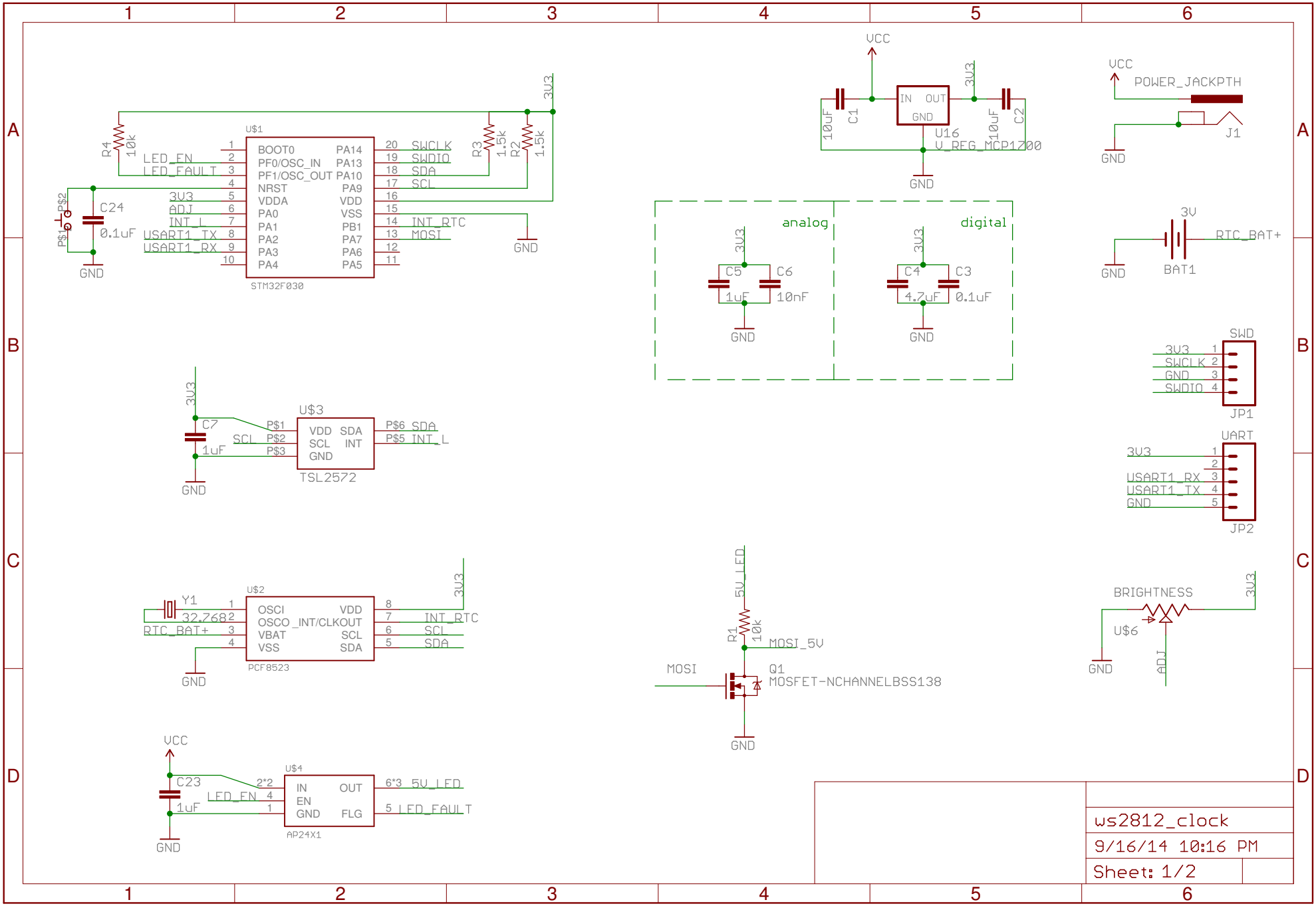
U$1
STM32F030
BOOT0
PF0/OSC_IN
PF1/OSC_OUT
NRST
VDDA
PA0
PA1
PA2
PA3
PA4
PA14
PA13
PA10
PA9
VDD
VSS
PB1
PA7
PA6
PA5
LED_EN
LED_FAULT
3V3
ADJ
INT_L
USART1_TX
USART1_RX
SWCLK
SWDIO
SDA
SCL
INT_RTC
MOSI
R4 10k
R3 1.5k
R2 1.5k
C24 0.1uF
P$1
P$2
GND
VCC
IN OUT
GND
U16
V_REG_MCP1700
C1 10uF
C2 10uF
POWER_JACKPTH
J1
analog
digital
C5 1uF
C6 10nF
C4 4.7uF
C3 0.1uF
3V
BAT1
RTC_BAT+
SWD
JP1
UART
JP2
U$3
TSL2572
VDD
SCL
GND
SDA
INT
C7 1uF
P$6
P$5
INT_L
U$2
PCF8523
OSCI
OSCO
VBAT
VSS
OSCOUT
Y1 32.768
RTC_BAT+
5V_LED
R1 10k
MOSI_5V
Q1
MOSFET-NCHANNELBSS138
BRIGHTNESS
U$6
ADJ
U$4
AP24X1
IN
EN
GND
OUT
FLG
C23 1uF
6*3
5
ws2812_clock
9/16/14 10:16 PM
Sheet: 1/2