

U_STM32F1_CNC_SCHB
STM32F1 CNC SCHB.SchDoc

U_STM32F1_CNC_SCHA
STM32F1 CNC SCHA.SchDoc

U_STM32F1_CNC_SCHC
STM32F1 CNC SCHC.SchDoc

USB-D-
USB-D+

USB-TX
USB-RX

U5V
3.3V
GND

STEP
MS1
MS2
MS3
nRST

EN1
DIR1
EN2
DIR2
EN3
DIR3
EN4
DIR4

MTR1
MTR2
MTR3
MTR4

USB-D-
USB-D+
USB-ID

USB-TX
USB-RX

U5V
3.3V
GND

24VIN
PGND

U5V
3.3V
GND

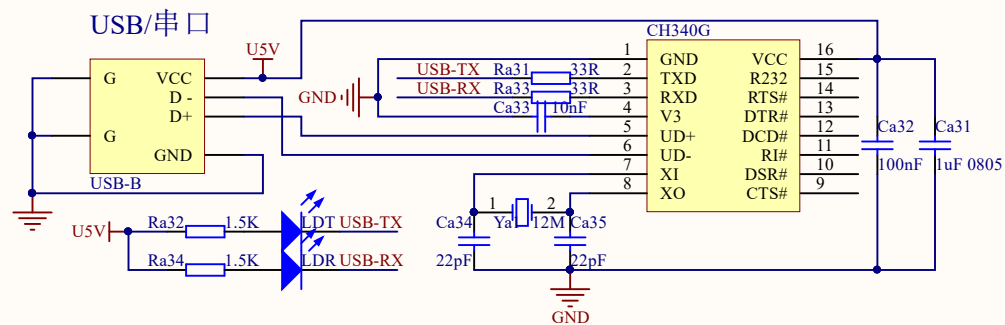
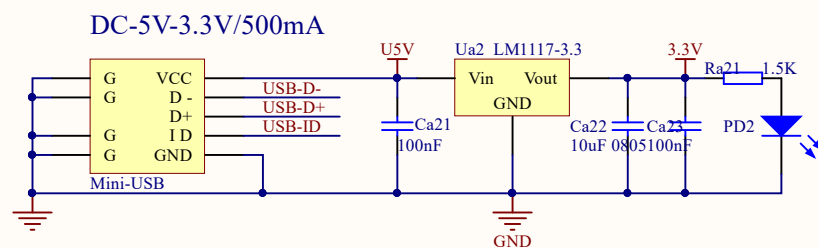
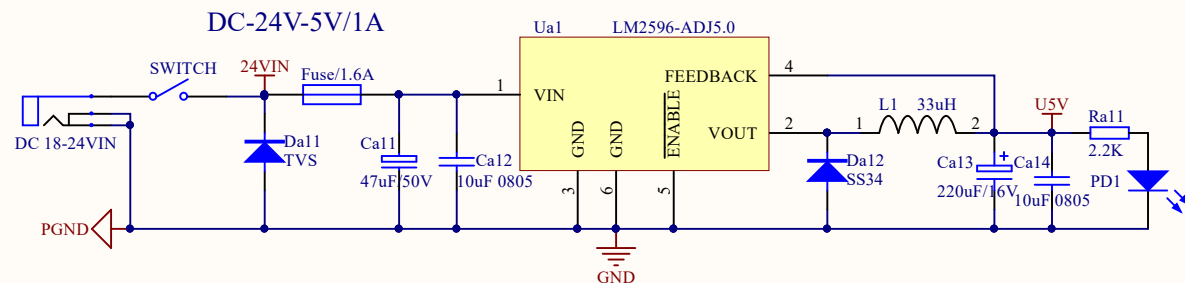
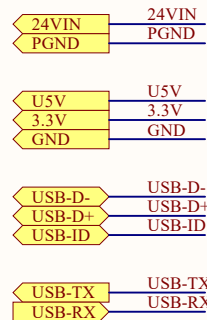
PGND
24VIN

STEP
MS1
MS2
MS3
nRST

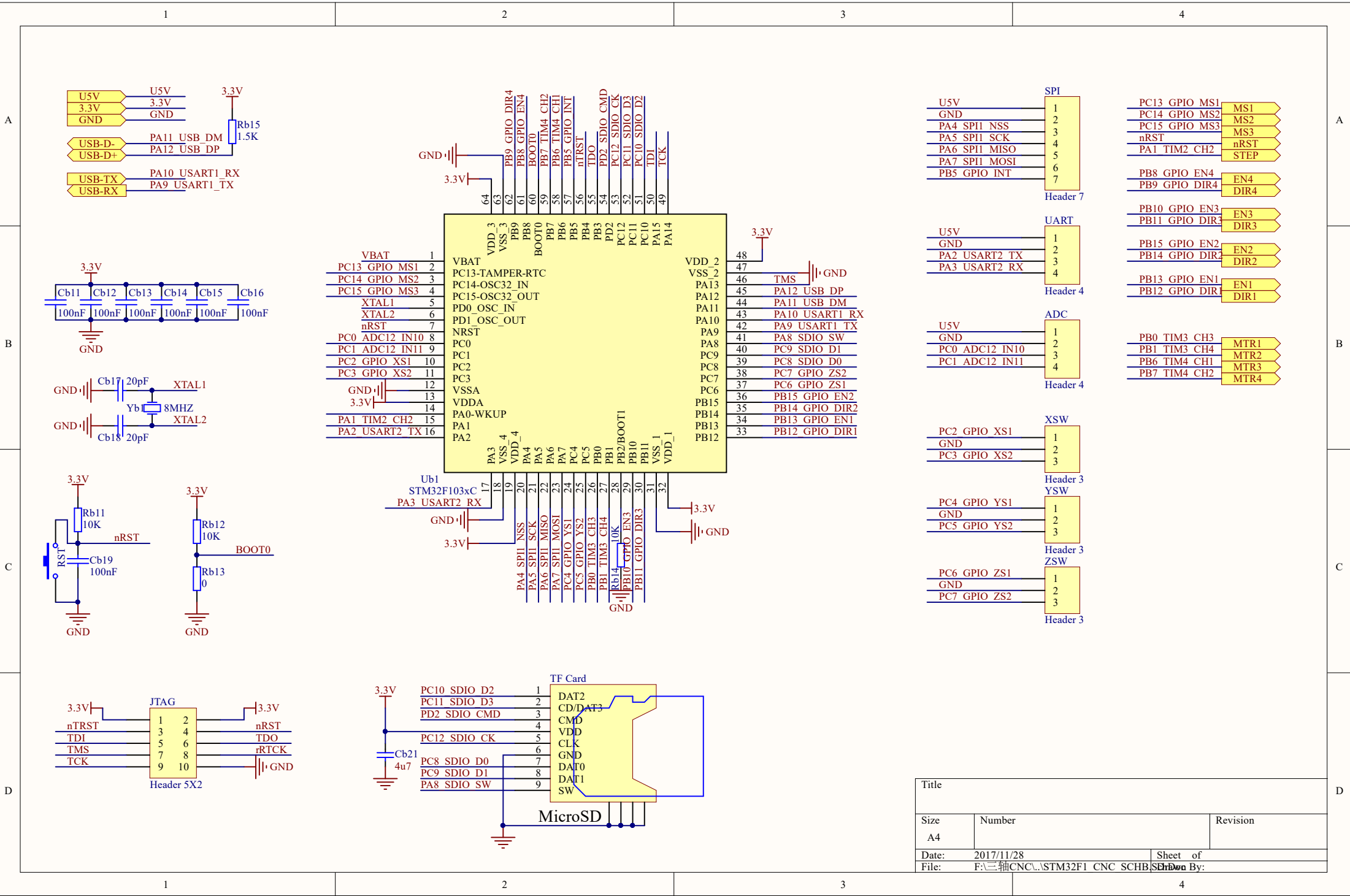
EN1
DIR1
EN2
DIR2
EN3
DIR3
EN4
DIR4

MTR1
MTR2
MTR3
MTR4

Title		
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A4		
Date:	2017/11/28	Sheet of
File:	F:\三轴CNC\STM32F1 CNC SCH.SchDoc	Down By:



Title		
Size	Number	Revision
A4		
Date:	2017/11/28	Sheet of
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Title		
Size	Number	Revision
A4		
Date:	2017/11/28	Sheet of
File:	F:\三轴CNC\STM32F1 CNC SCHB	Drawn By:

24VIN
PGND

U5V
3.3V
GND

MS1
MS2
MS3
nRST
STEP

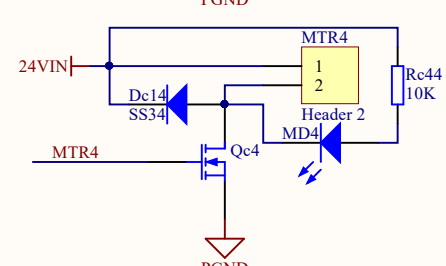
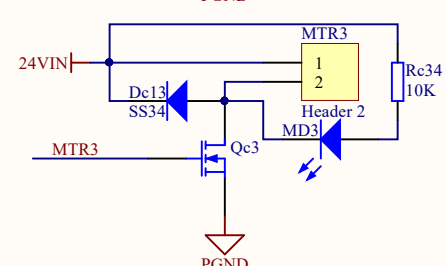
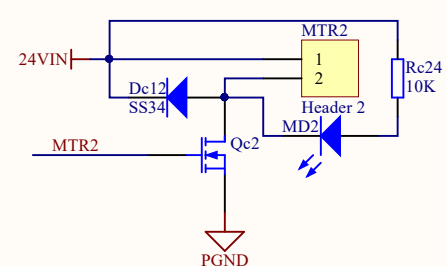
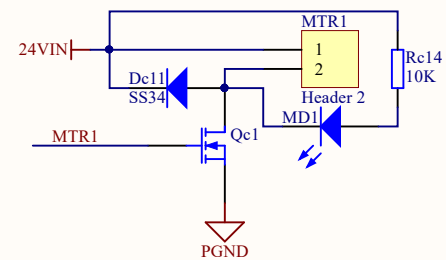
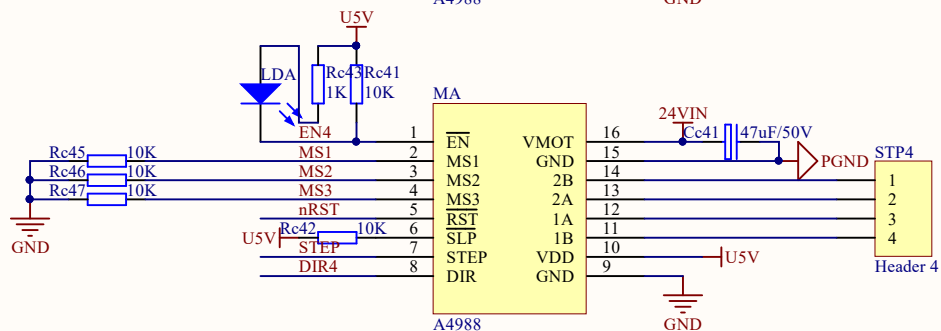
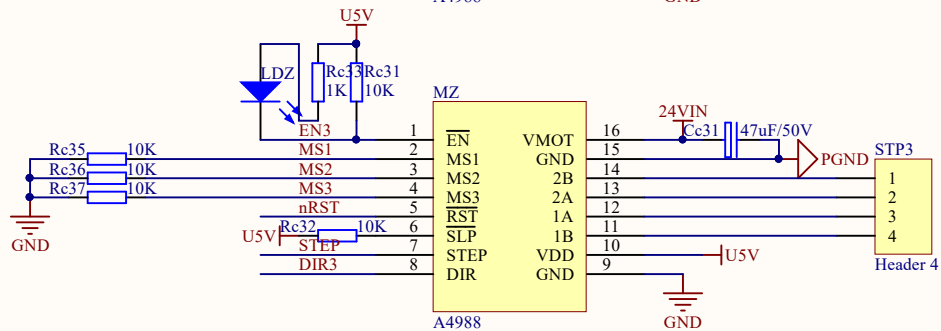
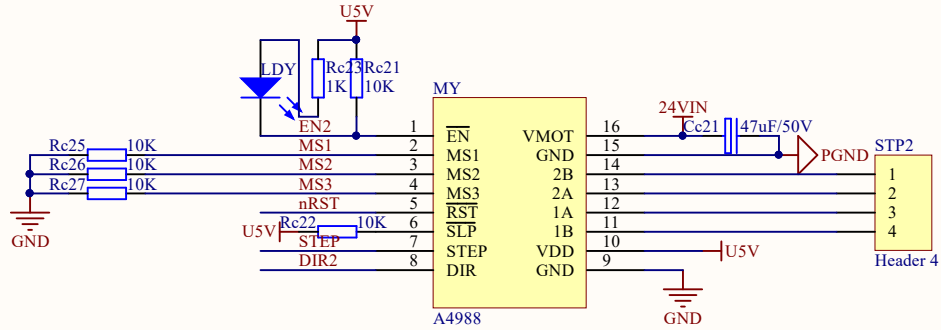
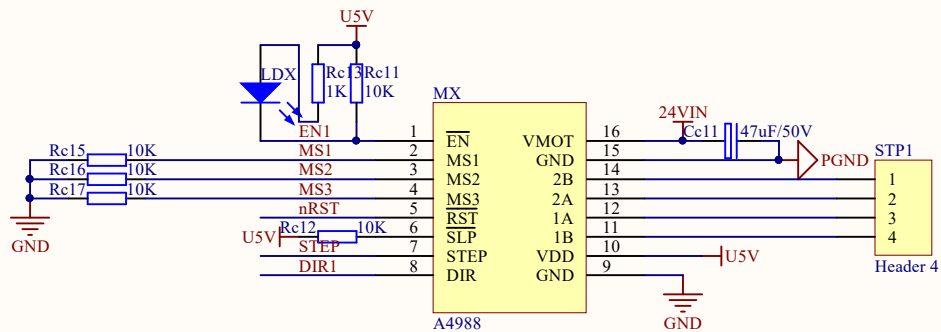
EN1
DIR1

EN2
DIR2

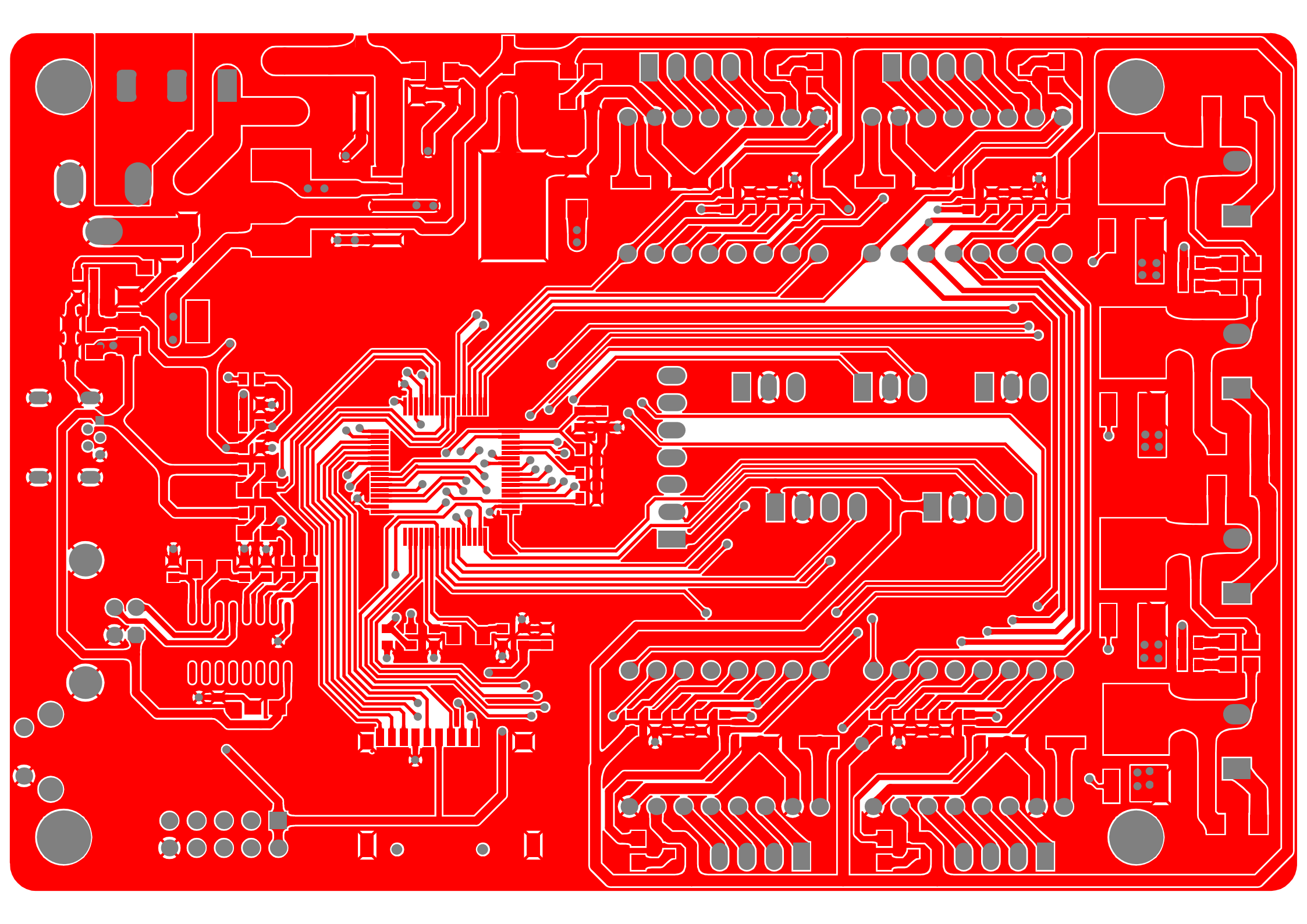
EN3
DIR3

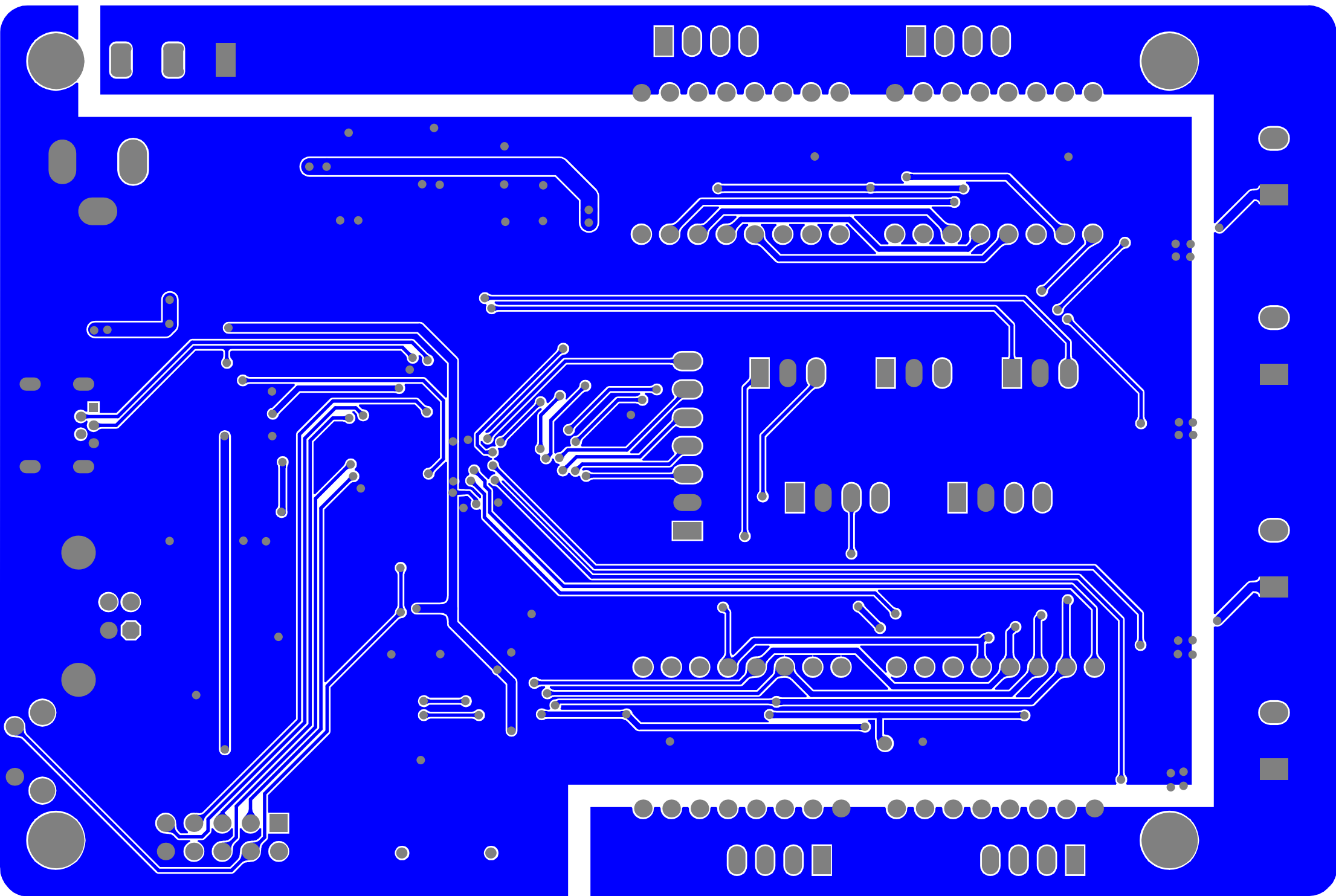
EN4
DIR4

MTR1
MTR2
MTR3
MTR4



Title		
Size	Number	Revision
A4		
Date:	2017/11/28	Sheet of
File:	F:\三轴CNC\STM32F1 CNC SCHC	Drawn By:





SWITCH

STP2

STP1

DC 18-24VIN

Mini-USB

STM32

grbl

INT
MO
MI
CLK
CS
G
V

SPI

XSW

YSW

ZSW

ADC

UART

MZ

MA

STP3

STP4

MTR1

MTR2

MTR3

MTR4

USB-B

RST

JTAG

