

# STM32F4xxx-DISCO

MB1115

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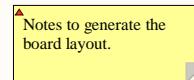
Sheet 7: IO Peripherals

## Legend

General comment such as function title, configuration, ...

Text to be added to silkscreen.

Warning text.



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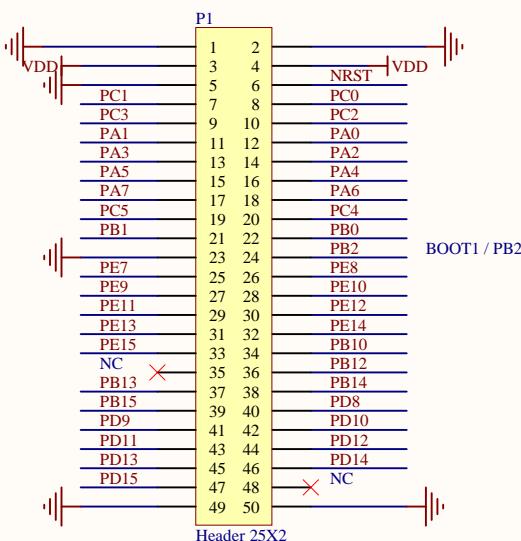
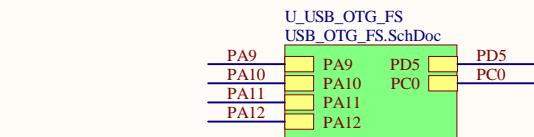
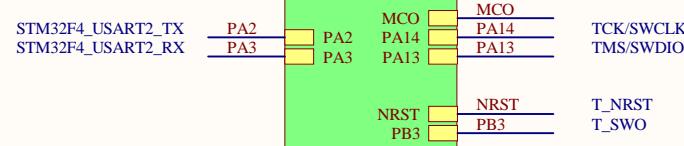
U\_MB1115\_TOP  
MB1115\_TOP.SchDoc



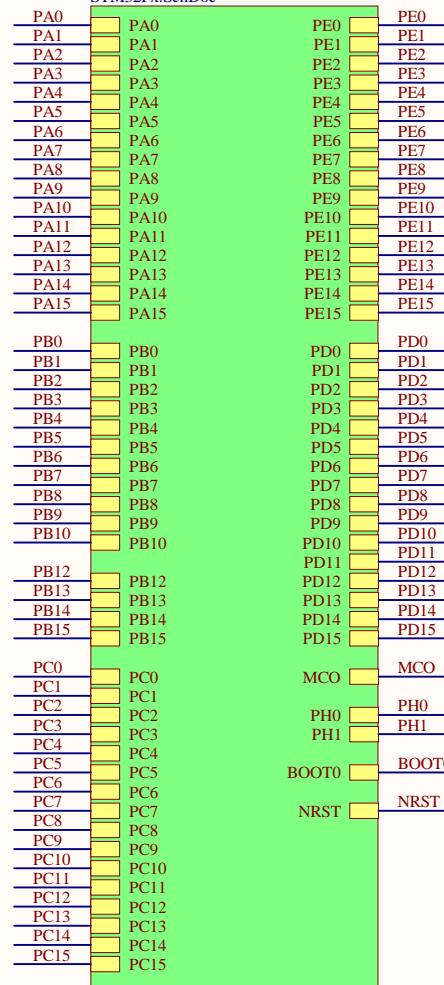
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Project: <b>STM32F4xxx-DISCO</b>	
Variant: <b>F411VE</b>	
Revision: <b>D-01</b>	Reference: <b>MB1115</b>
Size: <b>A4</b>	Date: <b>25-May-20</b>
	Sheet: <b>1 of 7</b>



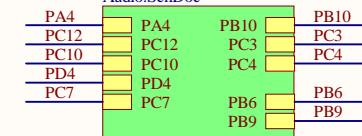
ST\_LINK\_V2.SCHDOC  
U\_ST\_LINK



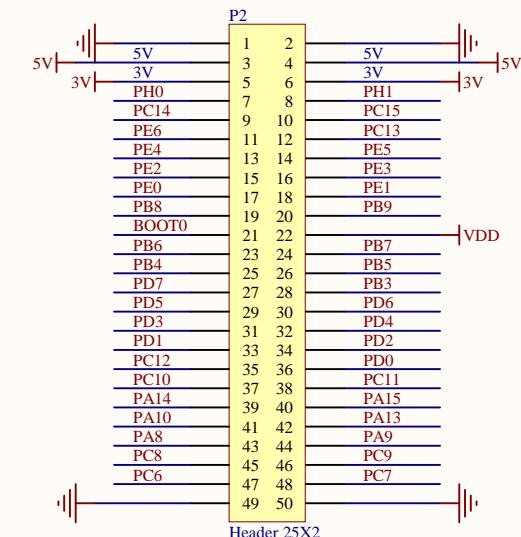
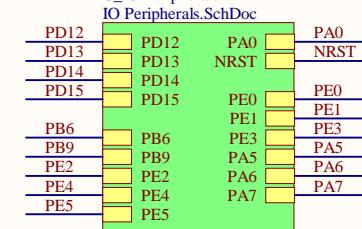
U\_STM32Fx  
STM32Fx.SchDoc



U\_Audio  
Audio.SchDoc



U\_IO Peripherals  
IO Peripherals.SchDoc



Title: TOP

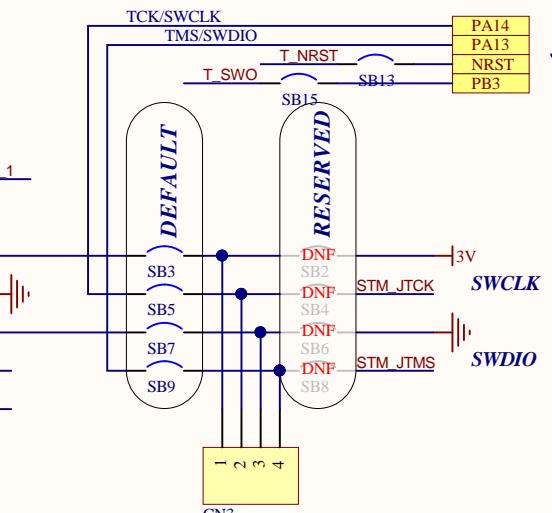
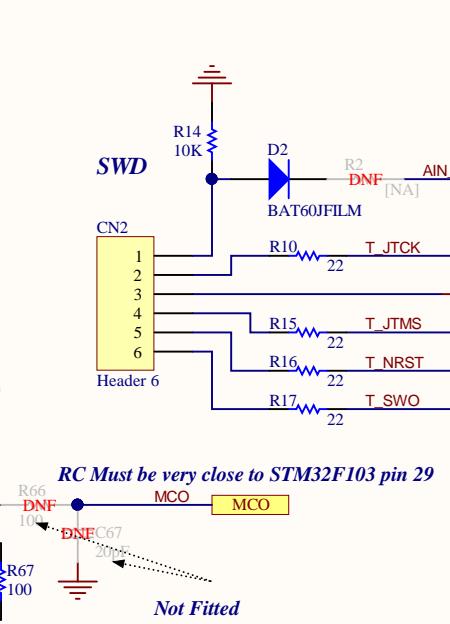
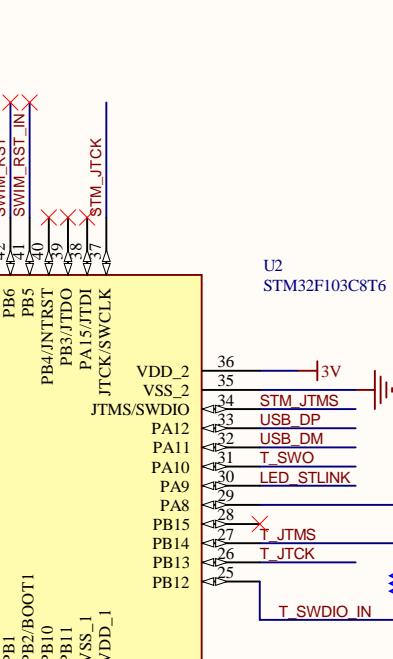
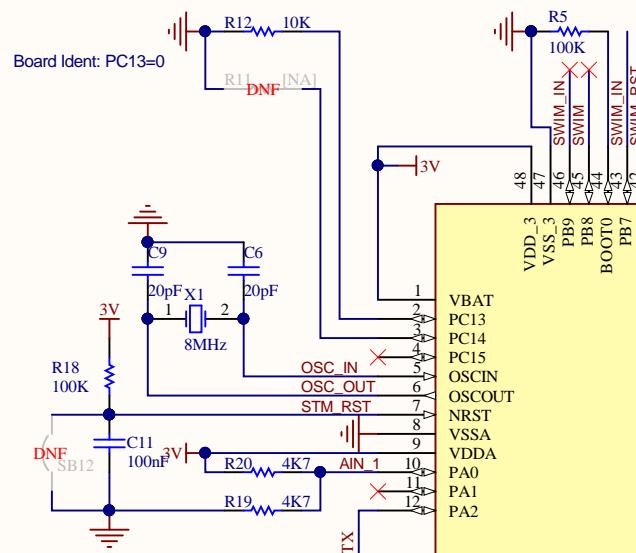
Project: STM32F4xxx-DISCO

Variant: F411VE

Revision: D-01

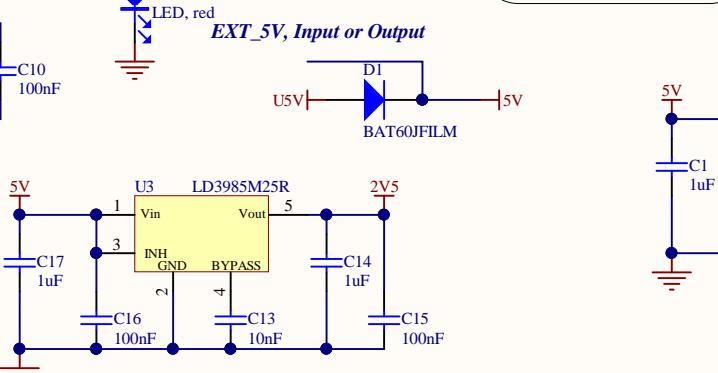
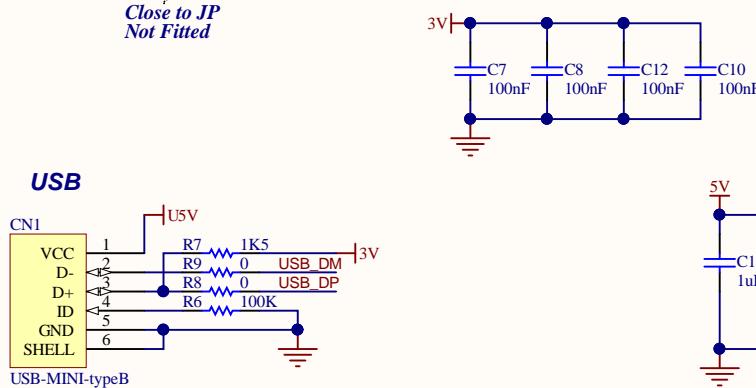
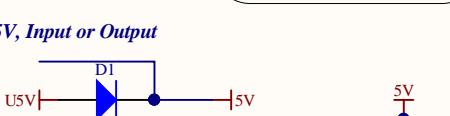
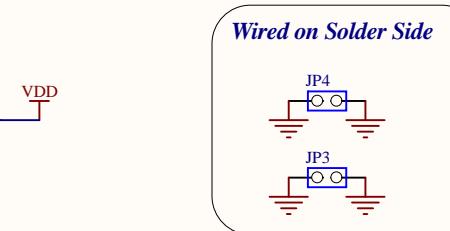
Size: A4 Date: 25-May-20 Reference: MB1115





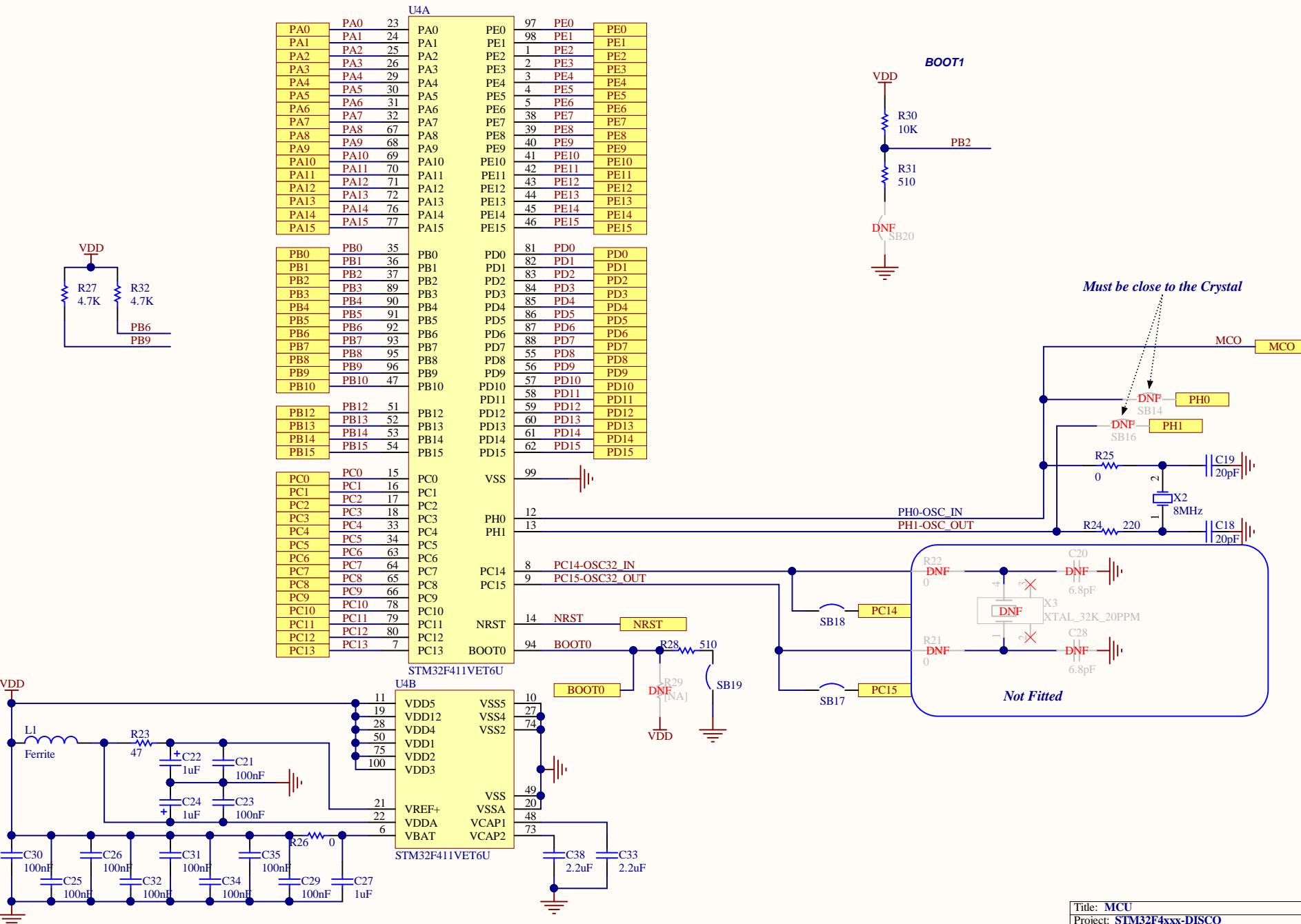
RC Must be very close to STM32F103 pin 29

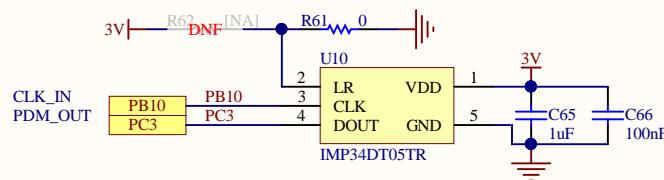
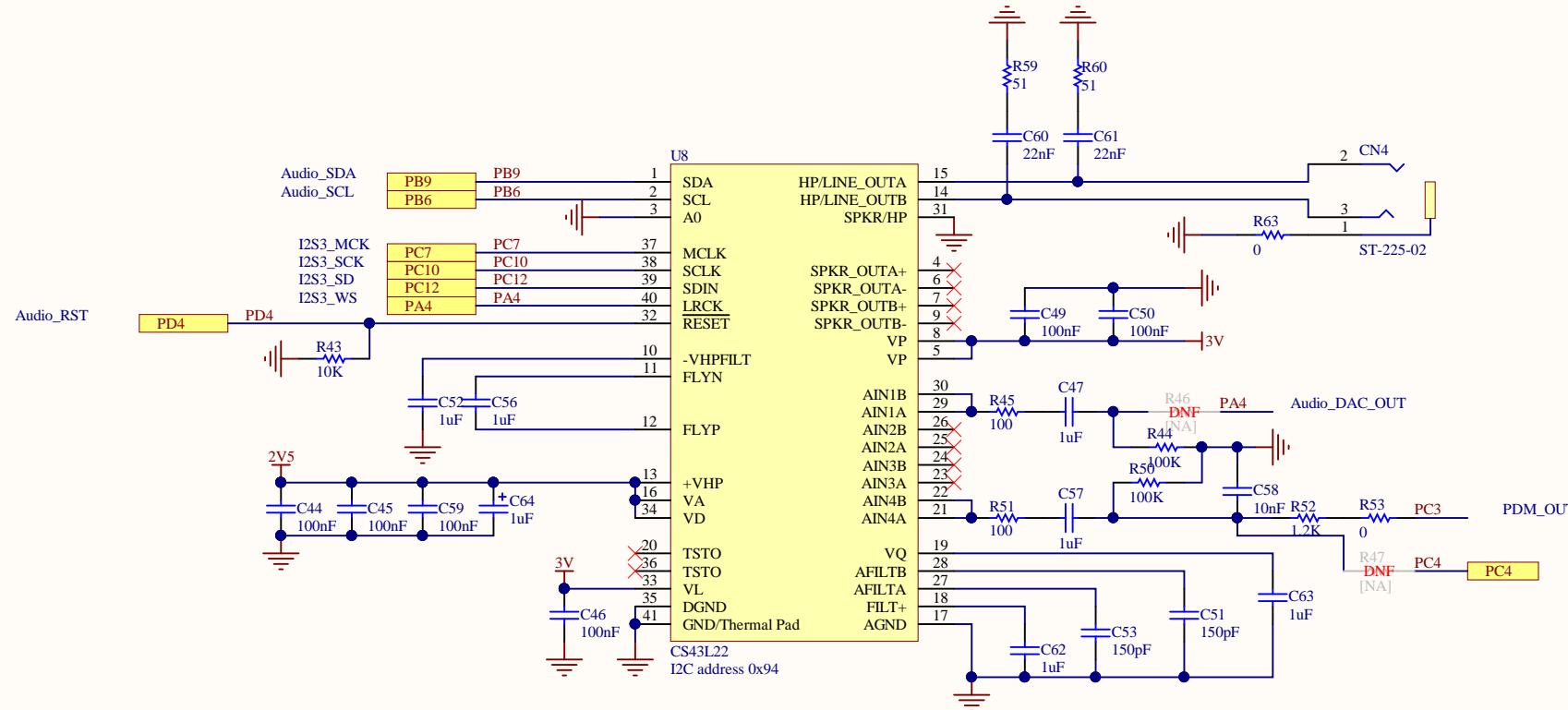
Not Fitted

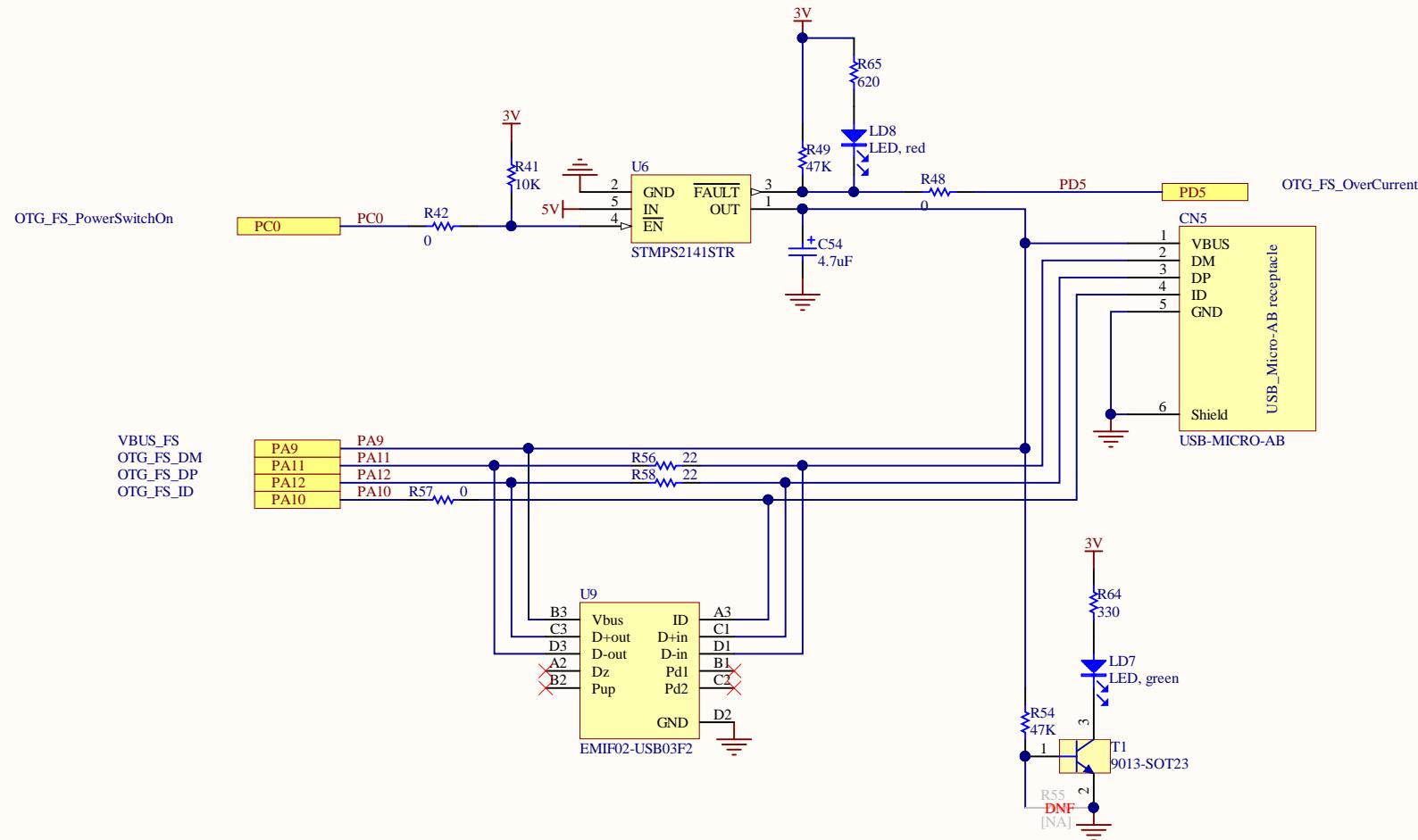


Title: ST-LINK/V2 (SWD only)
Project: STM32F4xxx-DISCO
Variant: F411VE
Revision: D-01
Size: A4
Date: 25-May-20
Reference: MB1115
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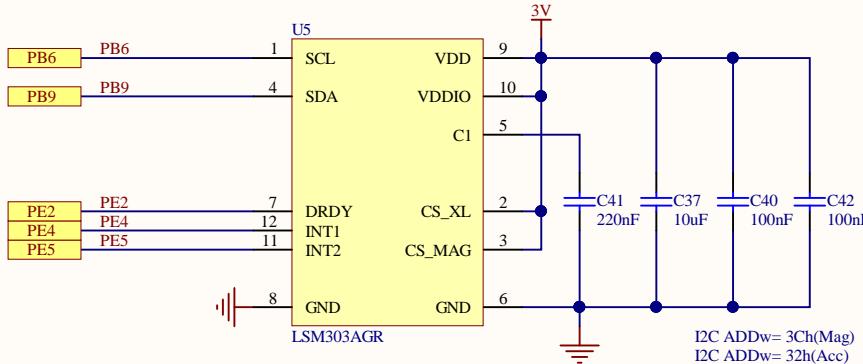




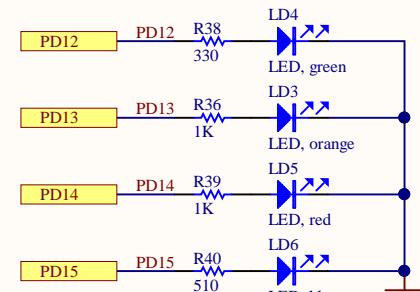
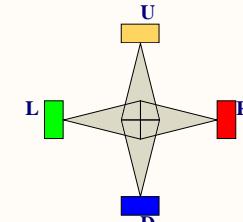
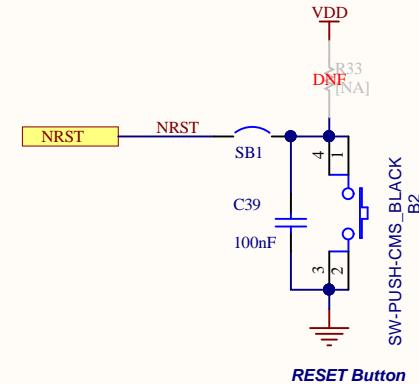
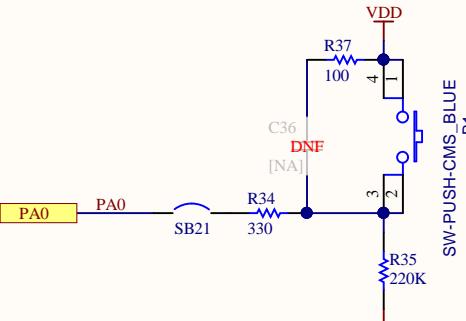
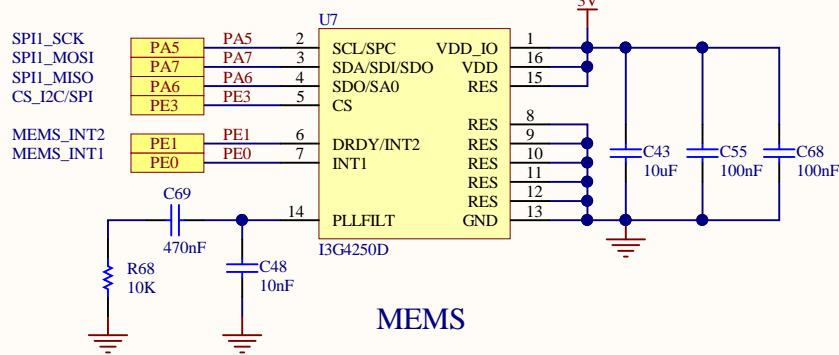
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Project: <b>STM32F4xxx-DISCO</b>
Variant: <b>F411VE</b>
Revision: <b>D-01</b>
Size: <b>A4</b>
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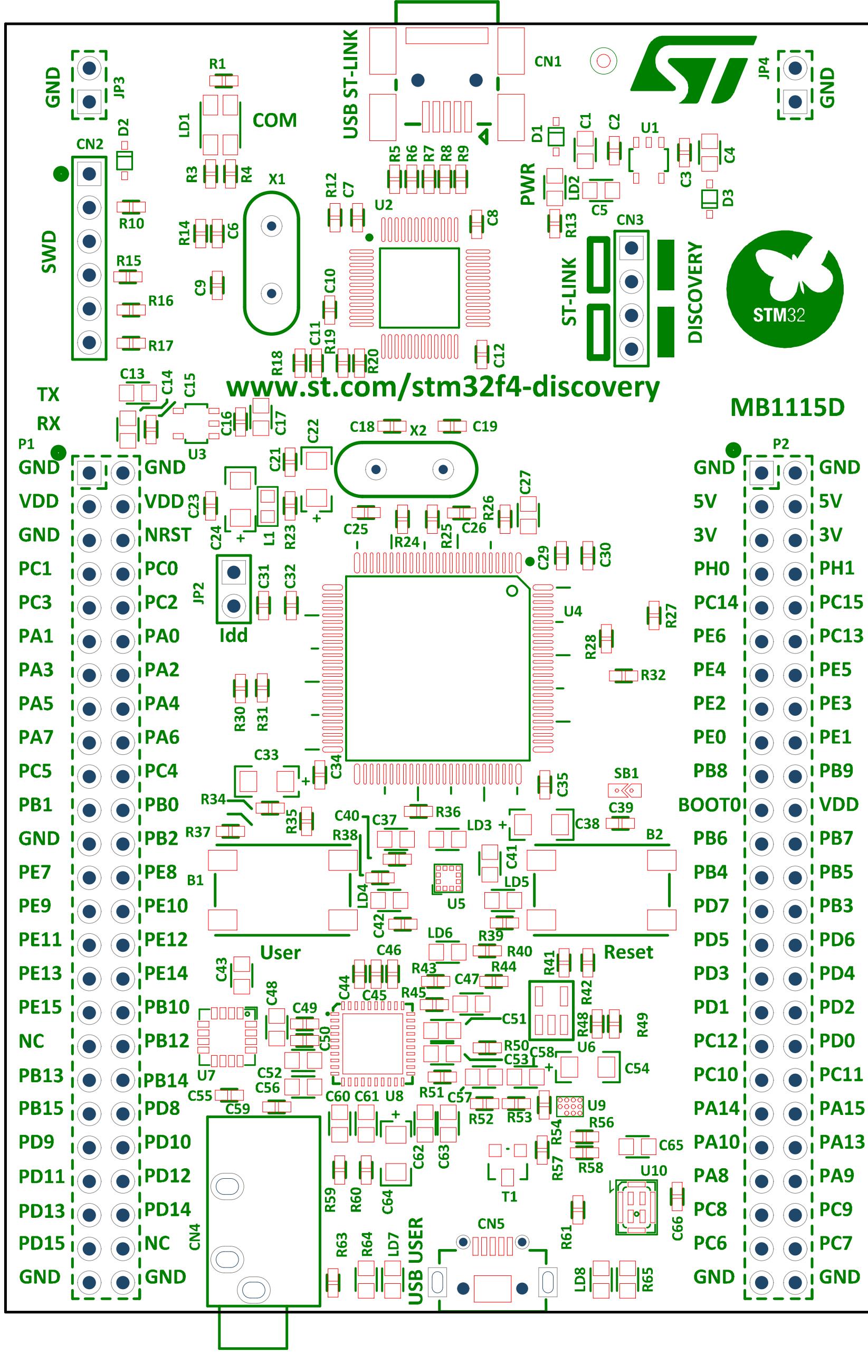


### Accelerometer+Magnetometer LSM303AGR

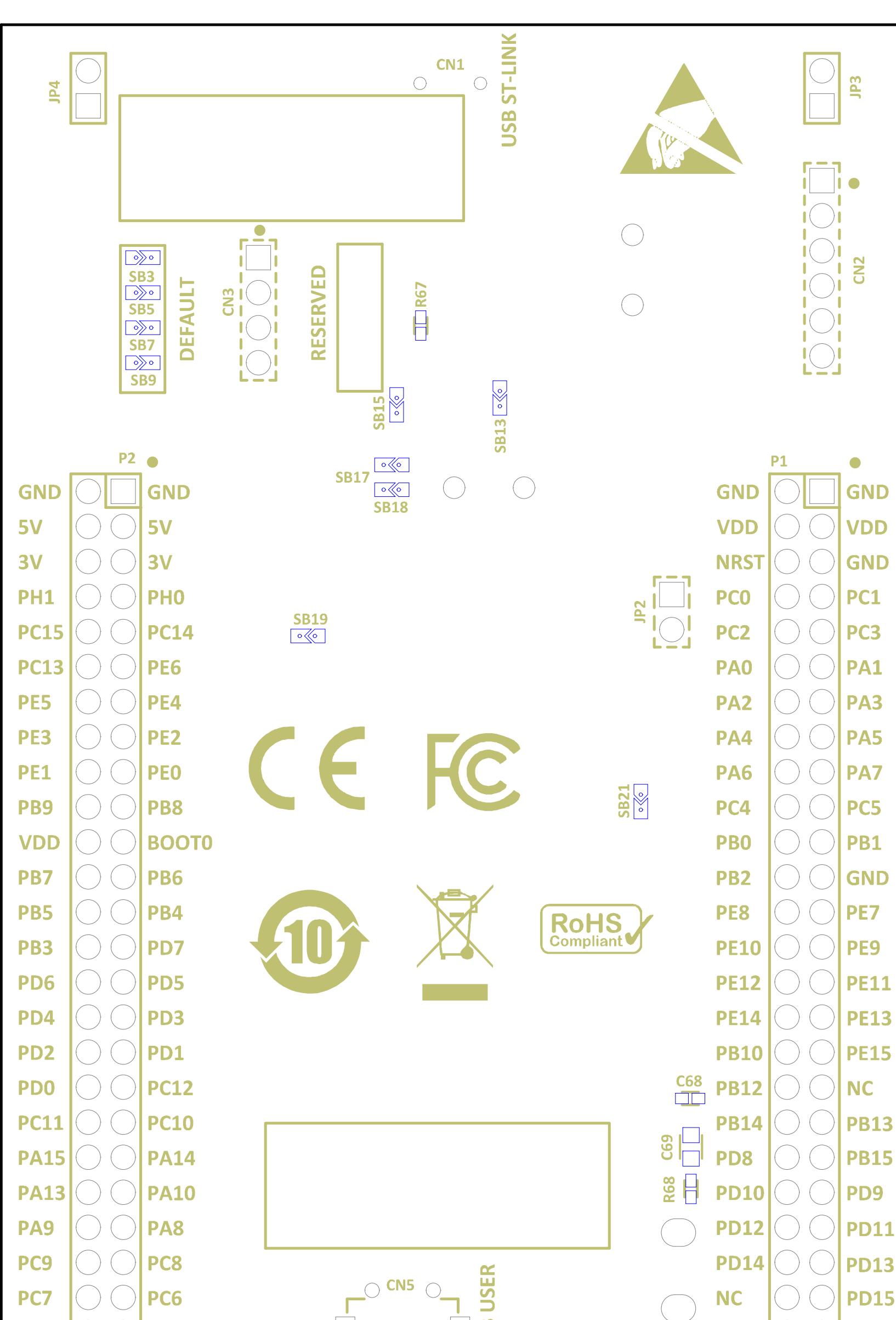


### 3-axis Gyroscope I3G4250D



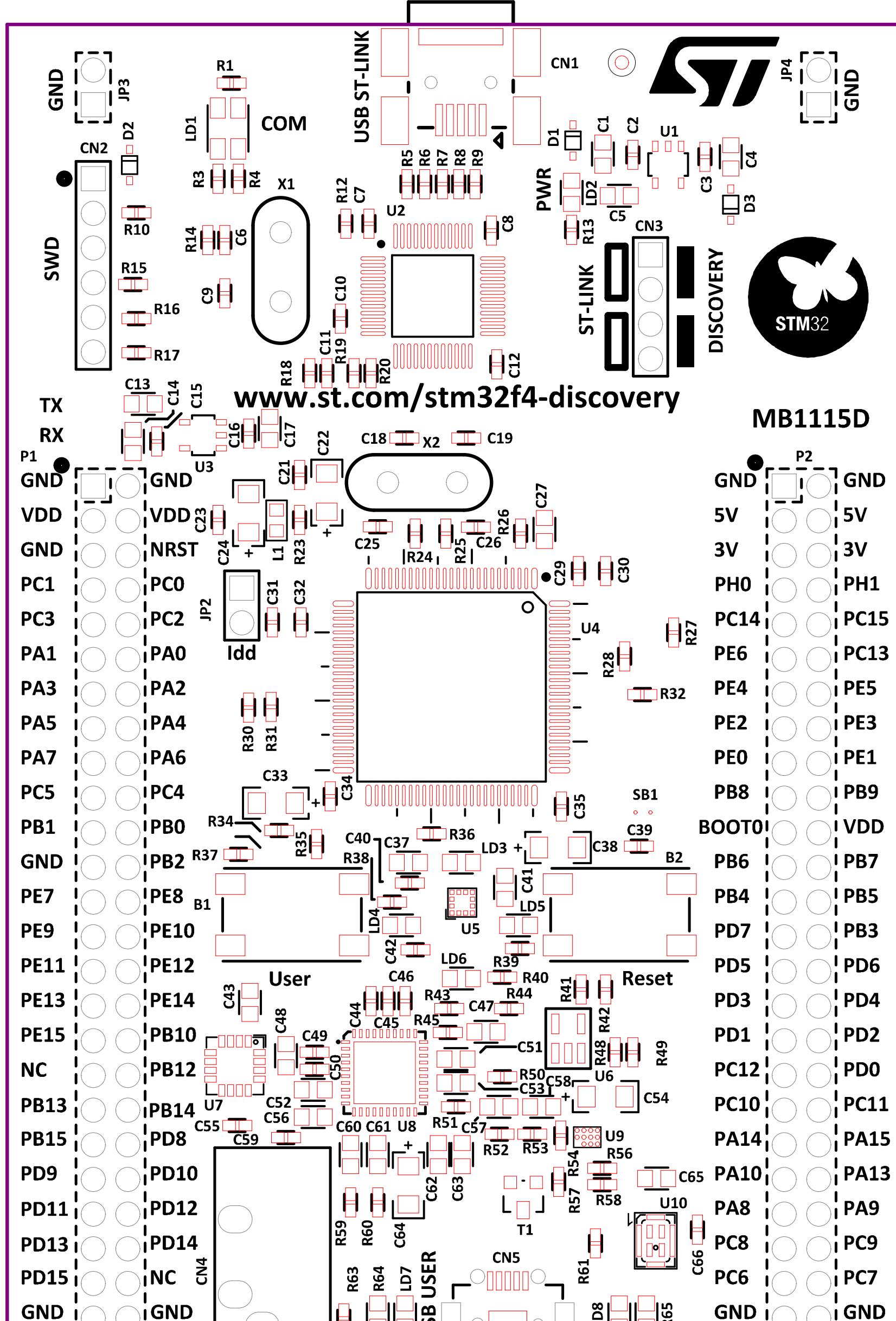


# SILKSCREEN TOP LAYER

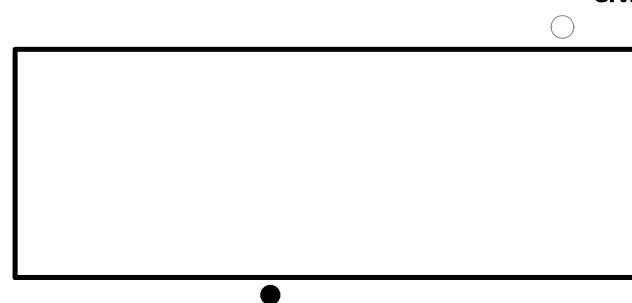
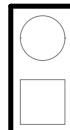


SILKSCREEN BOTTOM LAYER

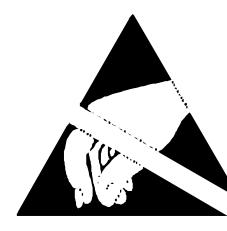




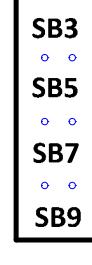
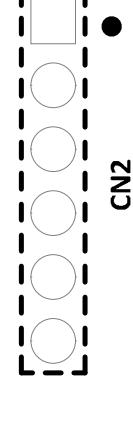
JP4



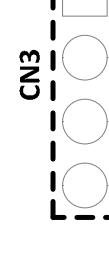
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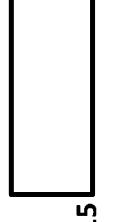
JP3



DEFAULT



RESERVED



R67

SB13

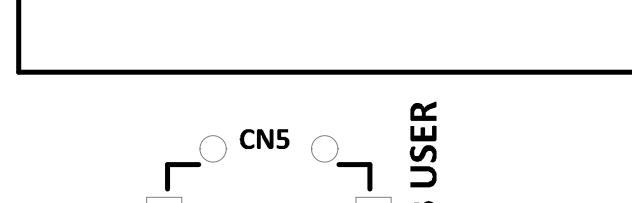
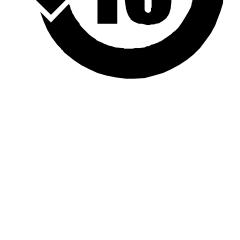
SB15

SB17

SB18

SB19

GND	P2	GND
5V		5V
3V		3V
PH1		PH0
PC15		PC14
PC13		PE6
PE5		PE4
PE3		PE2
PE1		PE0
PB9		PB8
VDD		BOOT0
PB7		PB6
PB5		PB4
PB3		PD7
PD6		PD5
PD4		PD3
PD2		PD1
PD0		PC12
PC11		PC10
PA15		PA14
PA13		PA10
PA9		PA8
PC9		PC8
PC7		PC6
GND		GND



USB

USER

P1	GND	GND
	VDD	VDD
	NRST	GND
	PC0	PC1
	PC2	PC3
	PA0	PA1
	PA2	PA3
	PA4	PA5
	PA6	PA7
	PC4	PC5
	PB0	PB1
	PB2	GND
	PE8	PE7
	PE10	PE9
	PE12	PE11
	PE14	PE13
	PB10	PE15
	PB12	NC
	PB14	PB13
	PD8	PB15
	PD10	PD9
	PD12	PD11
	PD14	PD13
	NC	PD15
	GND	GND

SB21

JP2

SB13

SB15

C68

R68

C69

R69

CN2

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