BIGTREETECH TFT43 V3.0-PIN
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POWER

GND	+5V

EXP3-CR10

BTN	RESET	LCD-D4	LCD-EN	+5V
PC8	RESET	PB13	PB15	+5V
PD13	PA8	PC9	PB12	GND
BEEP	ENCA	ENCB	LCD-CS	GND

EXP2

SD-CLK	SD-CS	SD-MOSI	RESET	NC
PA5	PA4	PA7	RST	NC
PA6	PA8	PC9	PC4	GND
SD-MISO	ENCA	ENCB	SD-DET	GND

EXP1

BTN	LCD-CS	LCD-D5	LCD-D7	+5V
PC8	PB12	PB14	PC6	+5V
PD13	PB15	PB13	PC7	GND
BEEP	LCD-EN	LCD-D4	LCD-D6	GND

RS232

RESET	RX2	TX2	GND	+5V
RST	PA3	PA2	GND	+5V

USB

GND	
PA12	D+
PA11	D-
+5V	
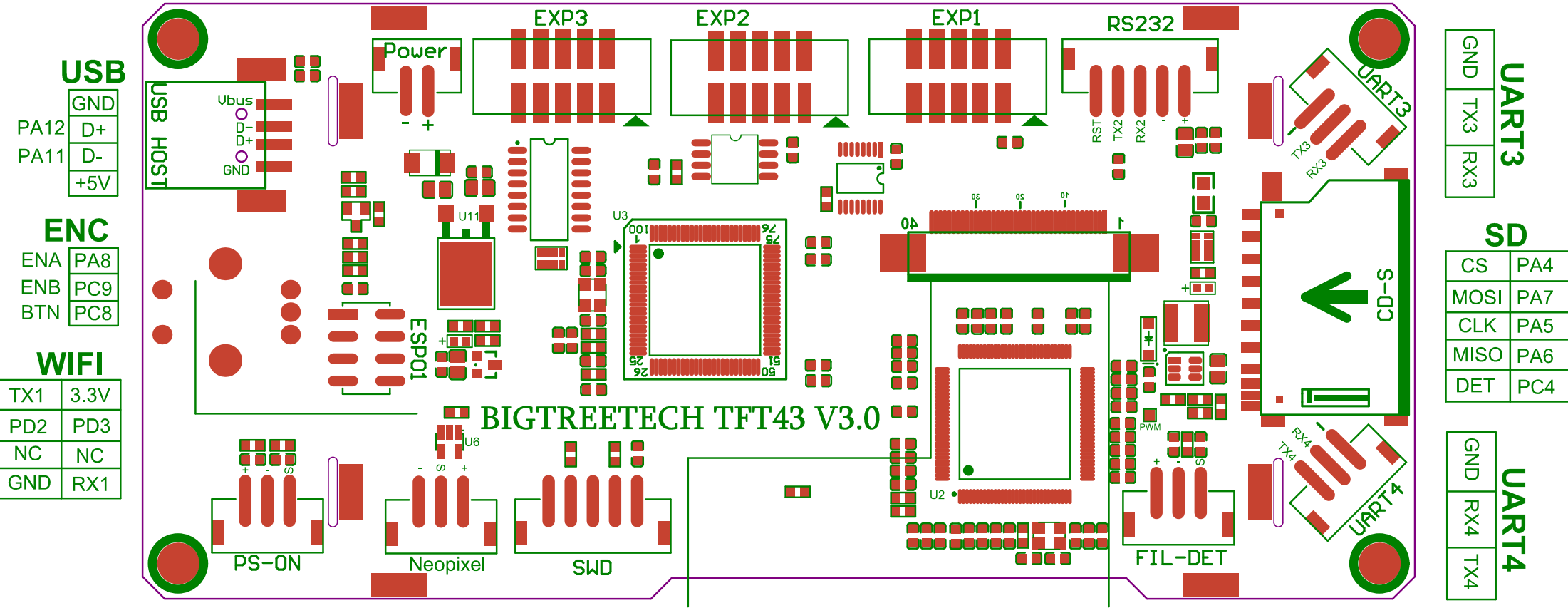
UART3

GND	TX3	RX3

ENC

ENA	PA8
ENB	PC9
BTN	PC8

SD

CS	PA4
MOSI	PA7
CLK	PA5
MISO	PA6
DET	PC4

WIFI

TX1	3.3V
PD2	PD3
NC	NC
GND	RX1

UART4

GND	RX4	TX4

BIGTREETECH TFT43 V3.0

PS-ON

PC12	GND	3.3V

Neopixel

GND	PC7	+5V

SWD

3.3V	SWDIO	GND	SWCLK	RST

TFT

CS	RS	WR	RD	BLEN
PD7	PE2	PD5	PD4	PD12

Fil-Det

PA15	GND	3.3V

TFT

DB0	DB1	DB2	DB3	DB4	DB5	DB6	DB7	DB8	DB9	DB10	DB11	DB12	DB13	DB14	DB15
PD14	PD15	PD0	PD1	PE7	PE8	PE9	PE10	PE11	PE12	PE13	PE14	PE15	PD8	PD9	PD10