BIGTREETECH TFT35-V3.0-PIN
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Top connector headers

POWER		Fil-Det			PS-ON			UART3			UART4			SWD				
GND	+5V	PA15	GND	3.3V	PC12	GND	3.3V	GND	TX3	RX3	GND	RX4	TX4	3.3V	SWDIO	GND	SWCLK	RST

USB

	GND
PA12	D+
PA11	D-
	+5V

ENC

ENA	PA8
ENB	PC9
BTN	PC8

WIFI

GND	RX1
NC	NC
PD2	PD3
TX1	3.3V

SD

CS	PA4
MOSI	PA7
CLK	PA5
MISO	PA6
DET	PC4

TFT

CS	PD7
RS	PE2
WR	PD5
RD	PD4
K	PD12

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

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