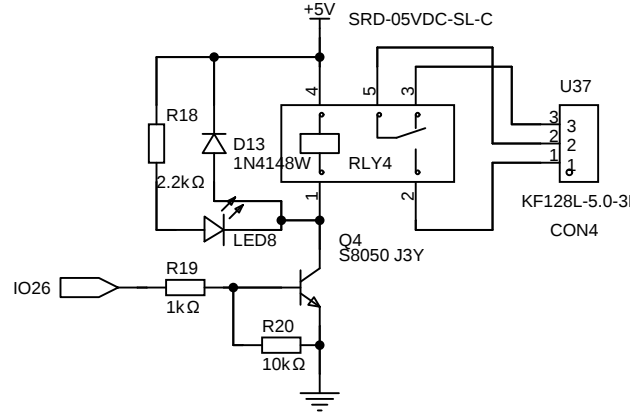
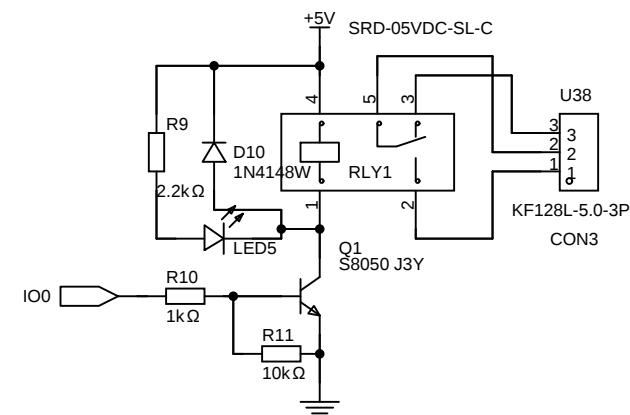
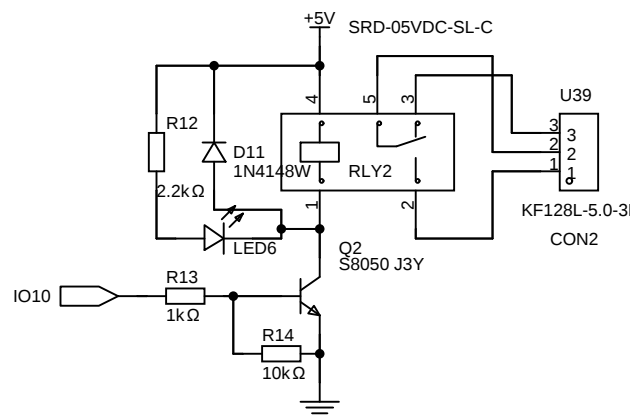
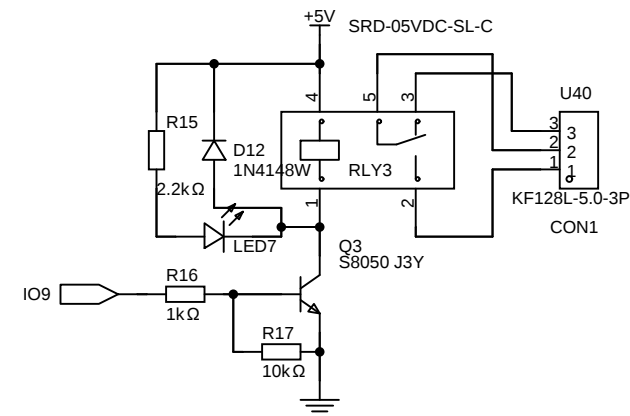
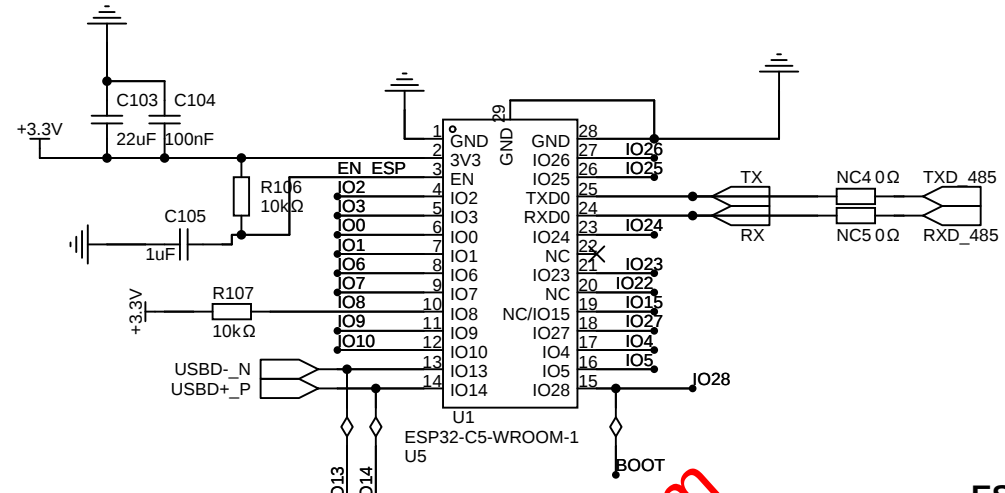
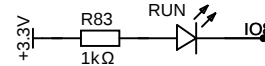


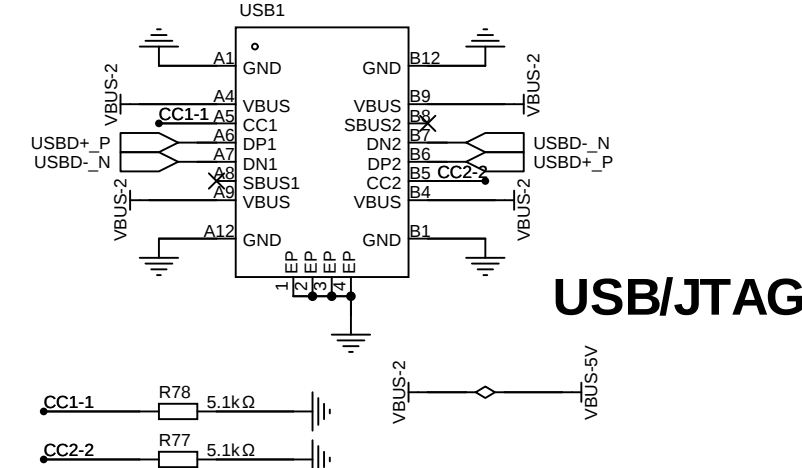
Relays



User LED

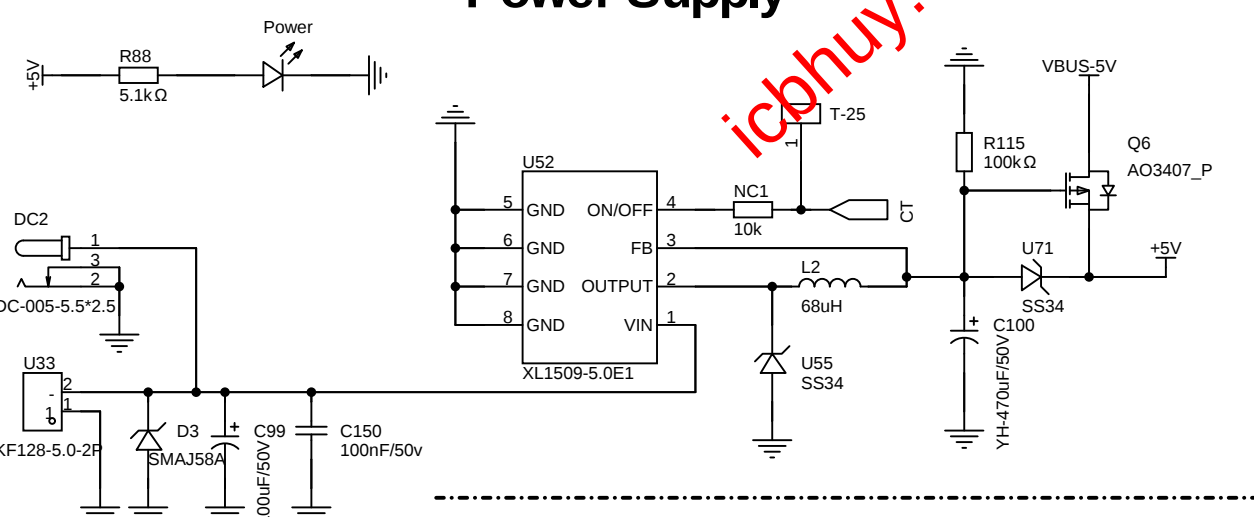


ESP32-C5-X

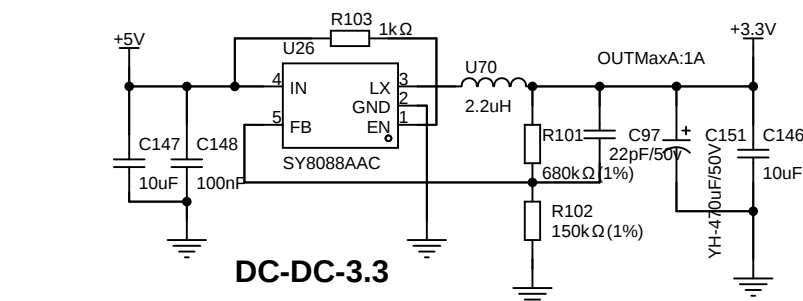


USB/JTAG

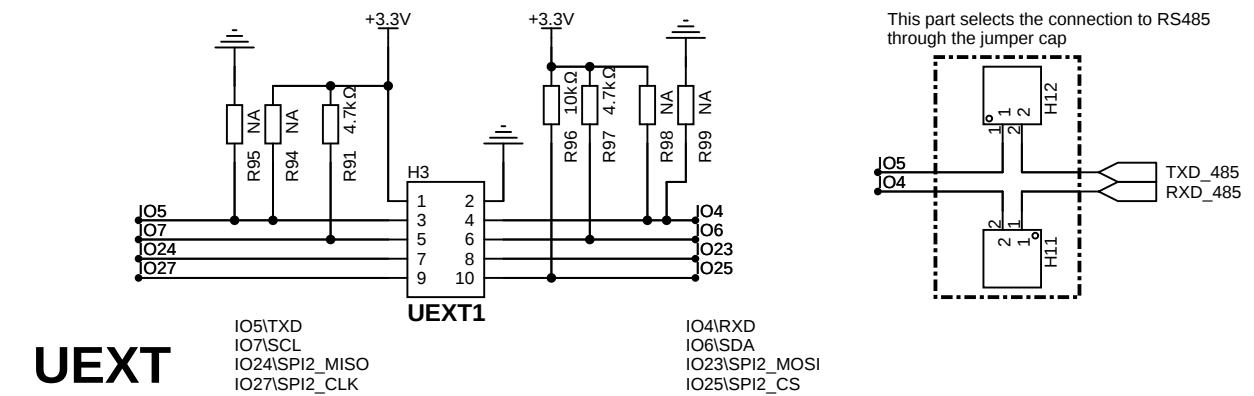
Power Supply



DC-DC
INPUT: 4.5-40V DC
OUTPUT: 5V DC
OUTMaxA: 2A

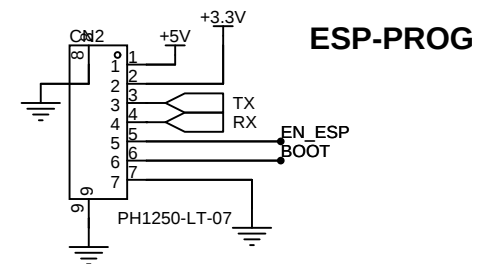


DC-DC-3.3

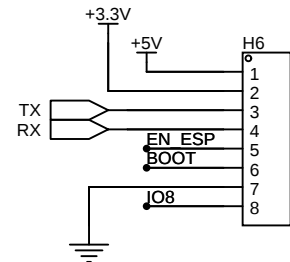


UEXT

Programming



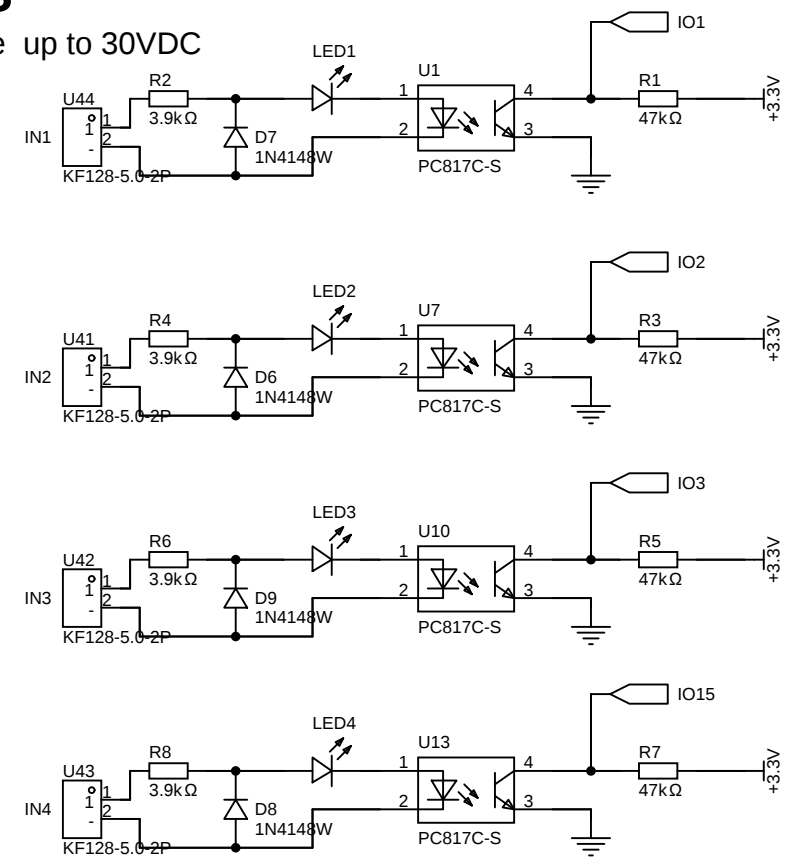
ESP-PROG



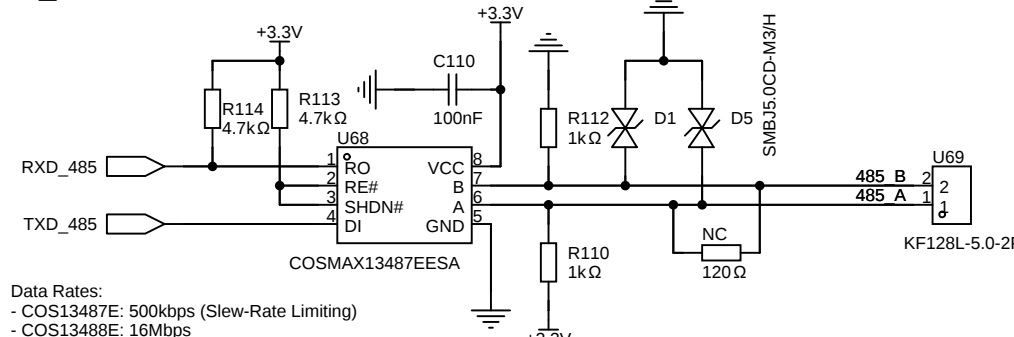
Extension

INPUTS

Input Voltage up to 30VDC



RS485_ Automatic Transceiver Circuit



Data Rates:
- COS13487E: 500kbps (Slew-Rate Limiting)
- COS13488E: 16Mbps

The corresponding pins of the module packaging

ESP32-C5		ESP32-C6				
IO1		IO7	IN1			
IO2		IO4	IN2			
IO3		IO5	IN3			
IO0		IO6	R3			
IO4		IO19	RXD1	RS485	Default	
IO5		IO18	TXD1	RS485	Default	
IO6		IO0	SDA			
IO7		IO1	SCL			
IO8		IO8	LED			
IO9		IO10	R1			
IO10		IO11	R2			
IO13	USB N	IO12				
IO14	USB P	IO13				
IO28	BOOT	IO9				
IO27		IO20	SPI2 CLK			
IO15		IO21	IN4			
IO23		IO23	SPI2 MOSI			
IO24		IO15	SPI2 MISO			
IO25		IO3	SPI2 CS			
IO26		IO2	R4			
TX0		TX0	RS485			
RX0		RX0	RS485			
NC20		IO22				
NC		NC				