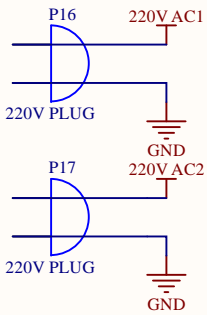
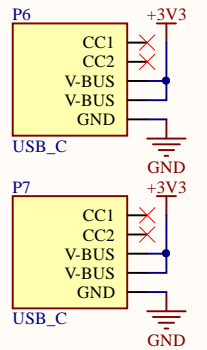
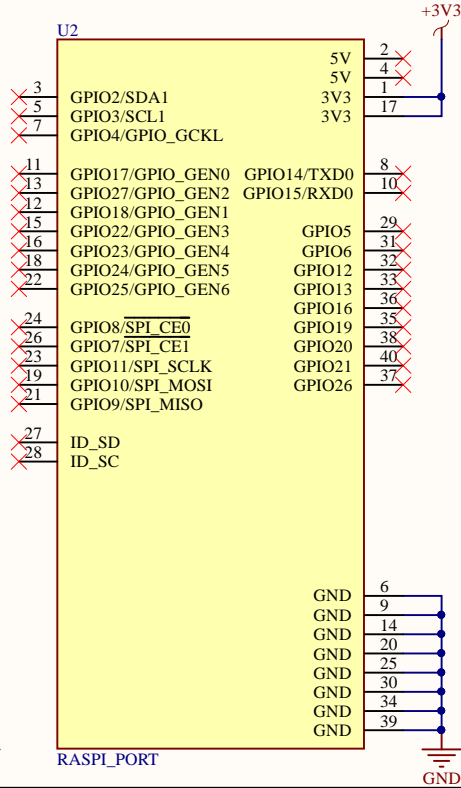
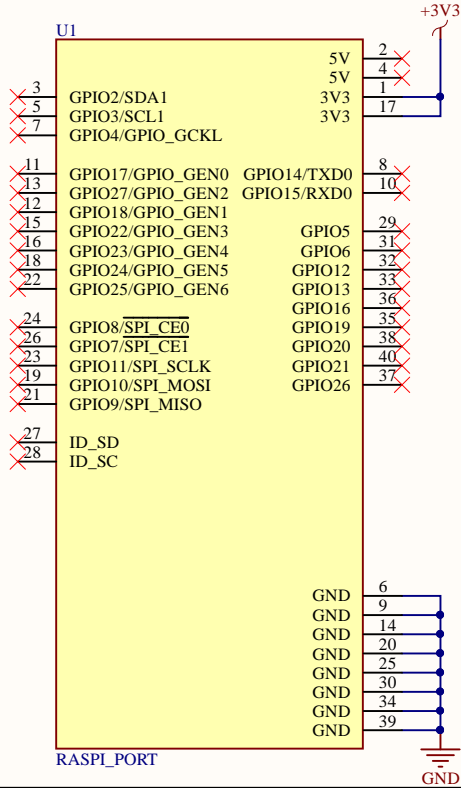


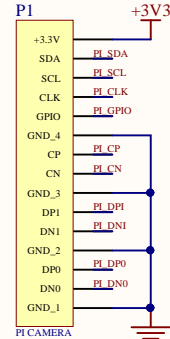
POWER SUPPLY



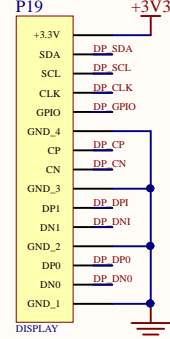
RASPBERRY PI4



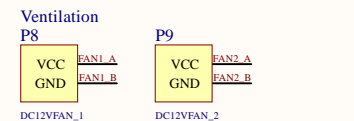
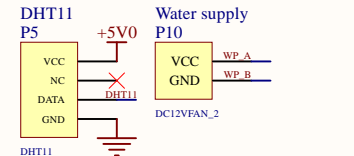
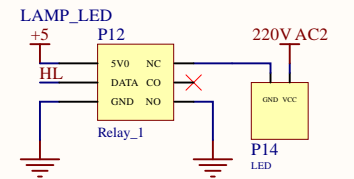
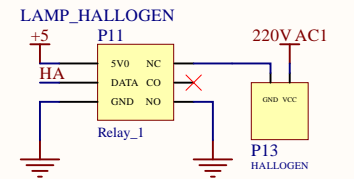
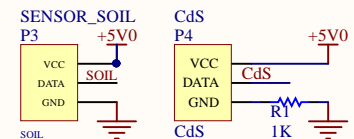
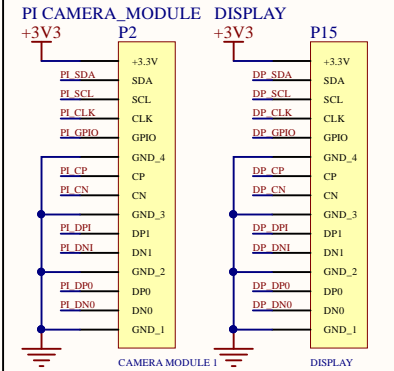
PI CAMERA



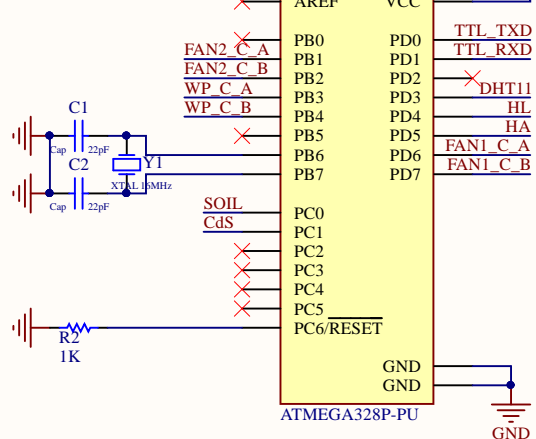
DISPLAY



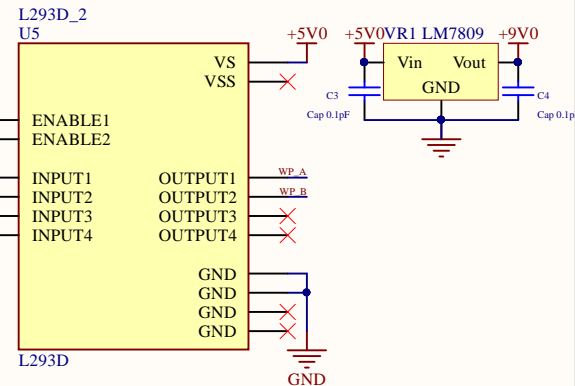
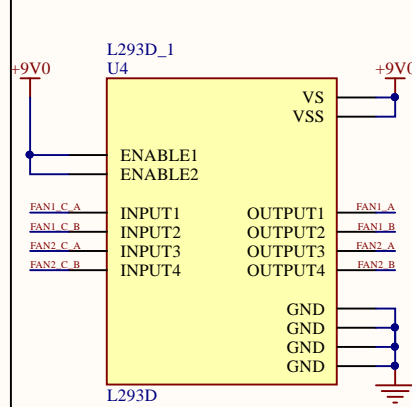
MODULE



ATMEGA328



L293D



Comment	Description	Designator	Footprint	LibRef	Quantity
Cap	Capacitor	C1, C2, C3, C4	RAD-0.3	Cap	4
PI CAMERA	Header, 15-Pin	P1	HDR1X15	Header 15	1
CAMERA MODULE 1	Header, 15-Pin	P2	HDR1X15	Header 15	1
SOIL	Header, 3-Pin, Right Angle	P3	HDR1X3H	Header 3H	1
CdS	Header, 3-Pin, Right Angle	P4	HDR1X3H	Header 3H	1
DHT11	Header, 4-Pin, Right Angle	P5	HDR1X4H	Header 4H	1
USB_C		P6, P7	PCBComponent_1	USB_C	2
DC12VFAN_1	Header, 2-Pin, Right Angle	P8	HDR1X2H	Header 2H	1
DC12VFAN_2	Header, 2-Pin, Right Angle	P9, P10	HDR1X2H	Header 2H	2
Relay_1	Header, 3-Pin, Dual row, Right Angle	P11, P12	HDR2X3H	Header 3X2H	2
HALLOGEN	Header, 2-Pin, Right Angle	P13	HDR1X2H	Header 2H	1
LED	Header, 2-Pin, Right Angle	P14	HDR1X2H	Header 2H	1
DISPLAY	Header, 15-Pin	P15, P19	HDR1X15	Header 15	2
220V PLUG	Electrical Bell	P16, P17	PIN2	Bell	2
USB0	Header, 4-Pin, Right Angle	P18	HDR1X4H	Header 4H	1
Res1	Resistor	R1, R2	AXIAL-0.3	Res1	2
RASPI_PORT		U1, U2	RASPI_PORT	RASPI_PORT	2
ATMEGA328P-PU	ATmega Series 20 MHz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - DIP-28	U3	DIP794W46P254L29 67H457Q28B	ATMEGA328P-PU	1
L293D	Bipolar Motor Driver - Parallel 16-PowerDIP	U4, U5	DIP880W50P254L20 00H510Q16	L293D	2
LM7809	Voltage Regulator	VR1	D2PAK_N	Volt Reg	1
XTAL 16MHz	Crystal Oscillator	Y1	R38	XTAL	1