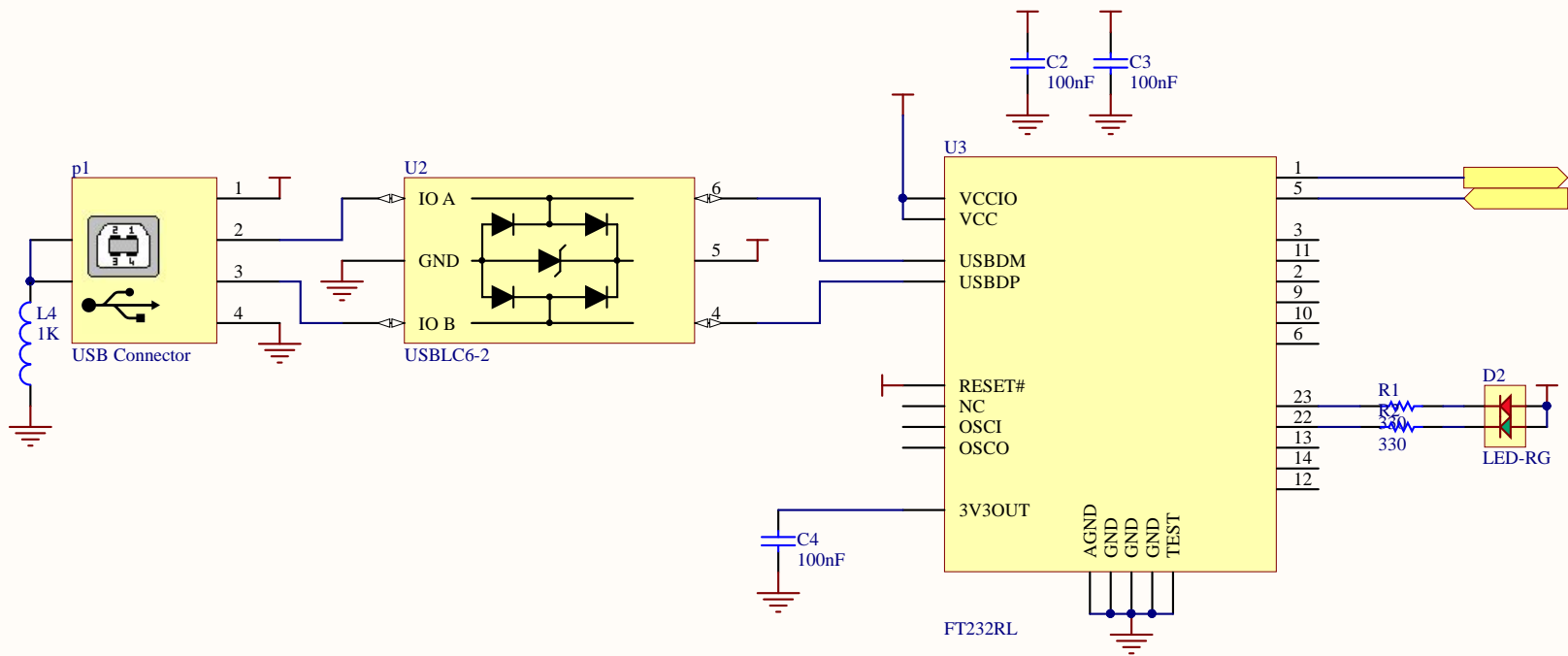
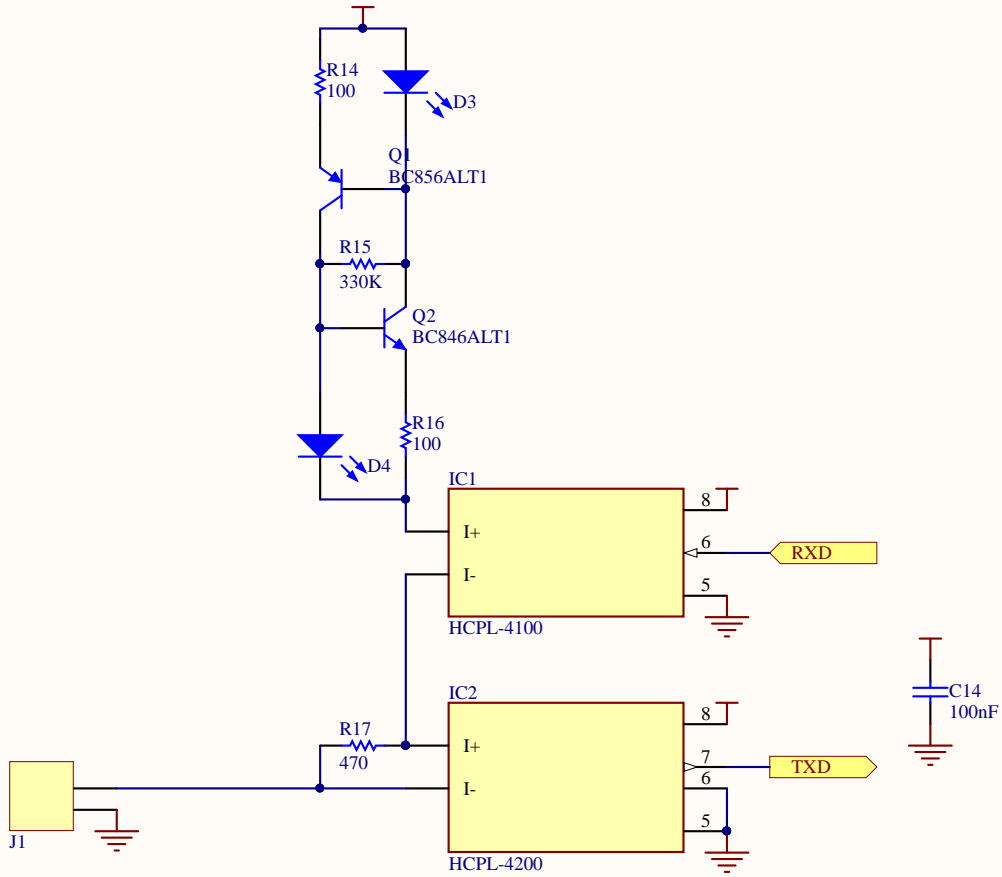
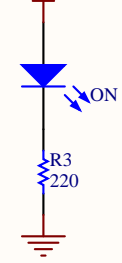
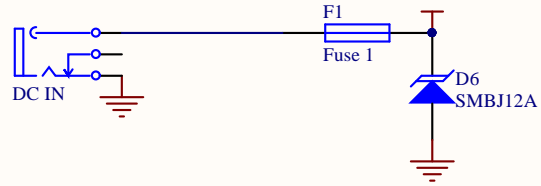


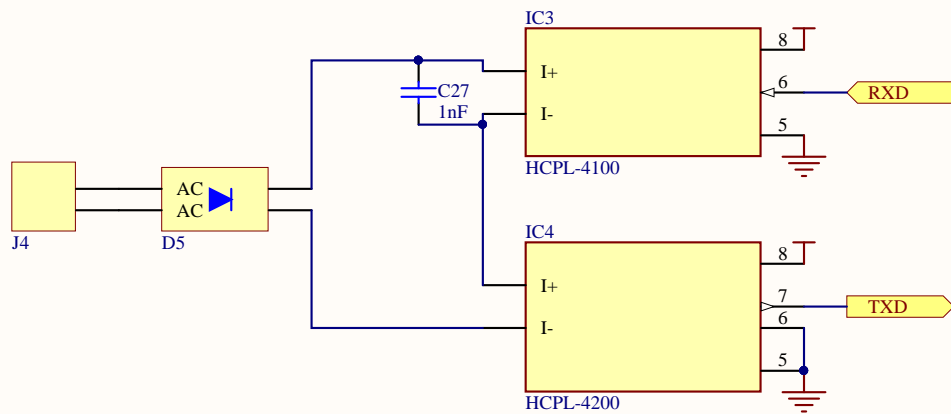
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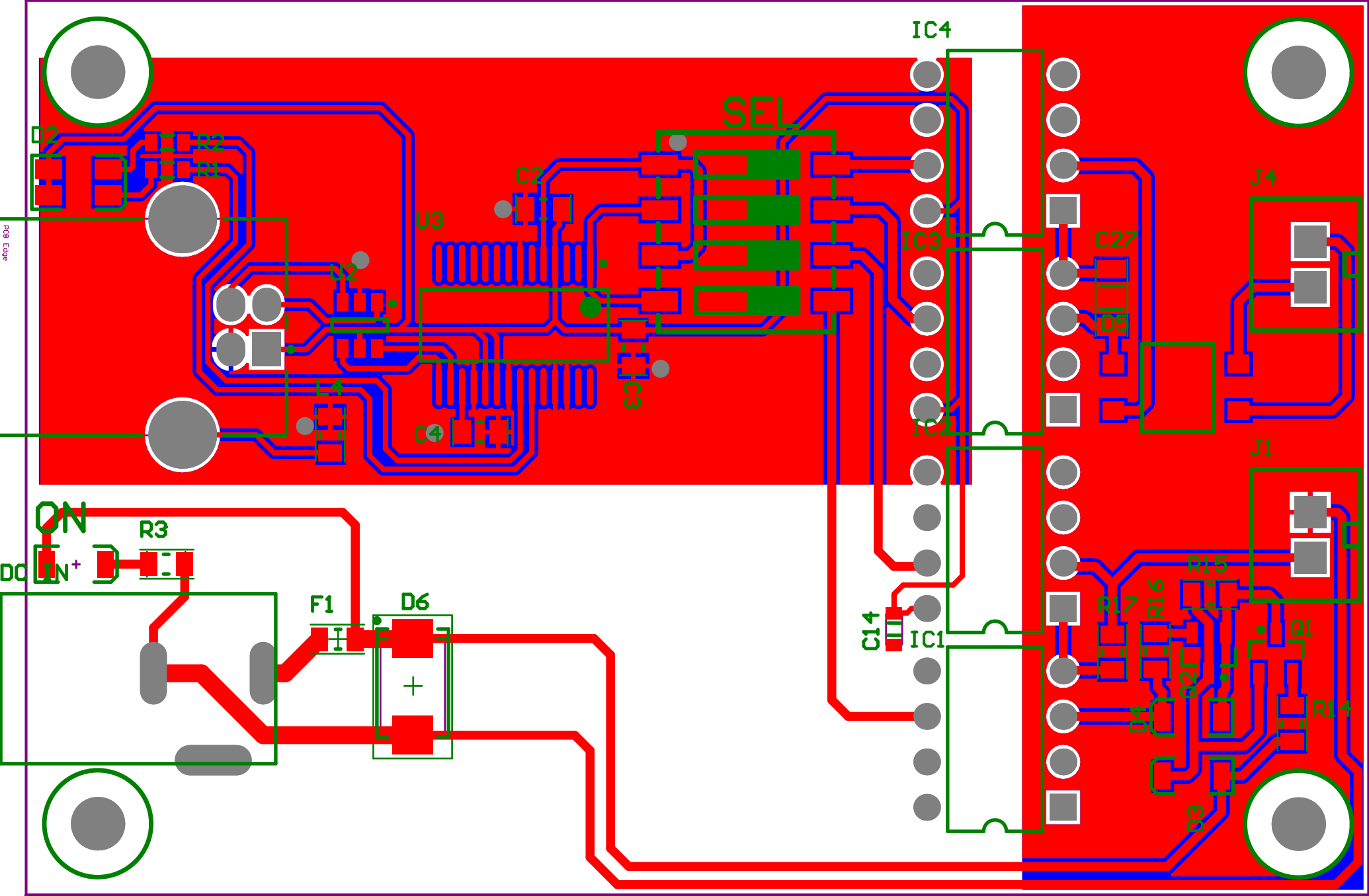
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File:	C:\Users\...\MASTER.SchDoc	Drawn By:



Title		
Size A	Number	Revision
Date:	9/19/2022	Sheet of
File:	C:\Users\...\SLAVE.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	Capacitor	C2, C3, C4	C805	Cap	3
100nF	Capacitor	C14	C603	Cap	1
1nF	Capacitor	C27	C1206	Cap	1
LED-RG		D2	LED-1210	LED-RG-4	1
LED		D3, D4, ON	LED-1206	LED	3
HD08		D5	MINIDIP	HD08	1
SMBJ12A	Surface Mount Transient Voltage Suppressors Diode	D6	DO-214AA	SMBJxxA	1
JACK		DC IN	jack-dc	JACK-DC	1
Fuse 1	Fuse	F1	PTC-0805	Fuse 1	1
HCPL-4100	<b>Isolation Amplifer</b><p> Source: <a href="http://www.avagotech.com/docs/AV02-0410EN">http://www.avagotech.com/docs/AV02-0410EN</a>	IC1, IC3	DIP-8	HCPL-4100	2
HCPL-4200	Optically Coupled 20 mA Current Loop Receiver	IC2, IC4	DIP-8	HCPL-4200	2
CONN-2		J1, J4	XH-2	CONN-2	2
1K	FERRITE BEAD	L4	r805	Ferrite Bead	1
USB Connector	USB Connector-B Type	p1	USB2-B-R	USB2-B	1
BC856ALT1	General Purpose Transistor PNP Silicon	Q1	SOT-23	BC856ALT1	1
BC846ALT1	General Purpose Transistor NPN Silicon	Q2	SOT-23	BC846ALT1	1
330	Resistor	R1, R2	R0603	Resistor	2
220	Resistor	R3	R805	Resistor	1
100	Resistor	R14, R16	R805	Resistor	2
330K	Resistor	R15	R805	Resistor	1
470	Resistor	R17	R805	Resistor	1
SW-DIP4	DIP Switch	SEL	DIPSW-4-SMD	SW-DIP4	1
USBL6-2	Very low capacitance ESD protection	U2	SOT-23-6	USBL6-2	1
FT232RL		U3	SSOP-28N	FT232RL	1