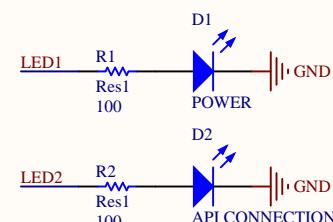
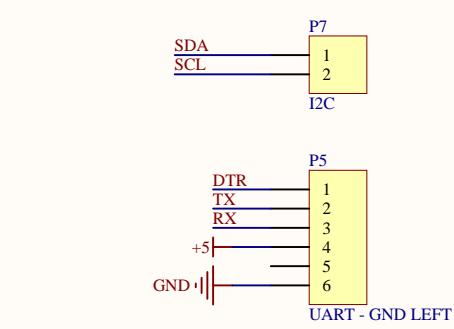
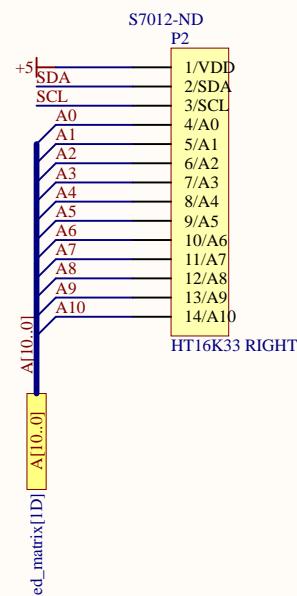
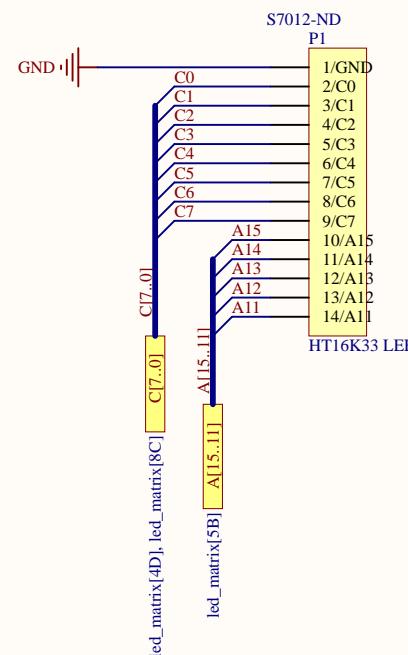
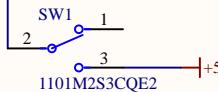
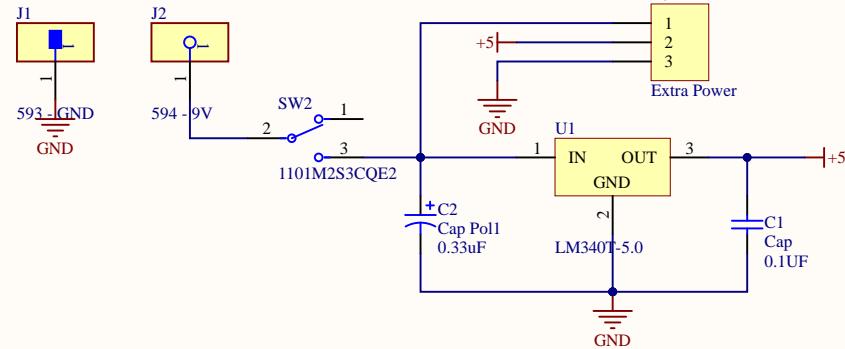
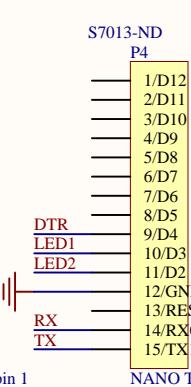
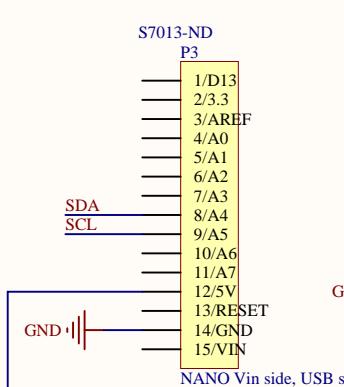


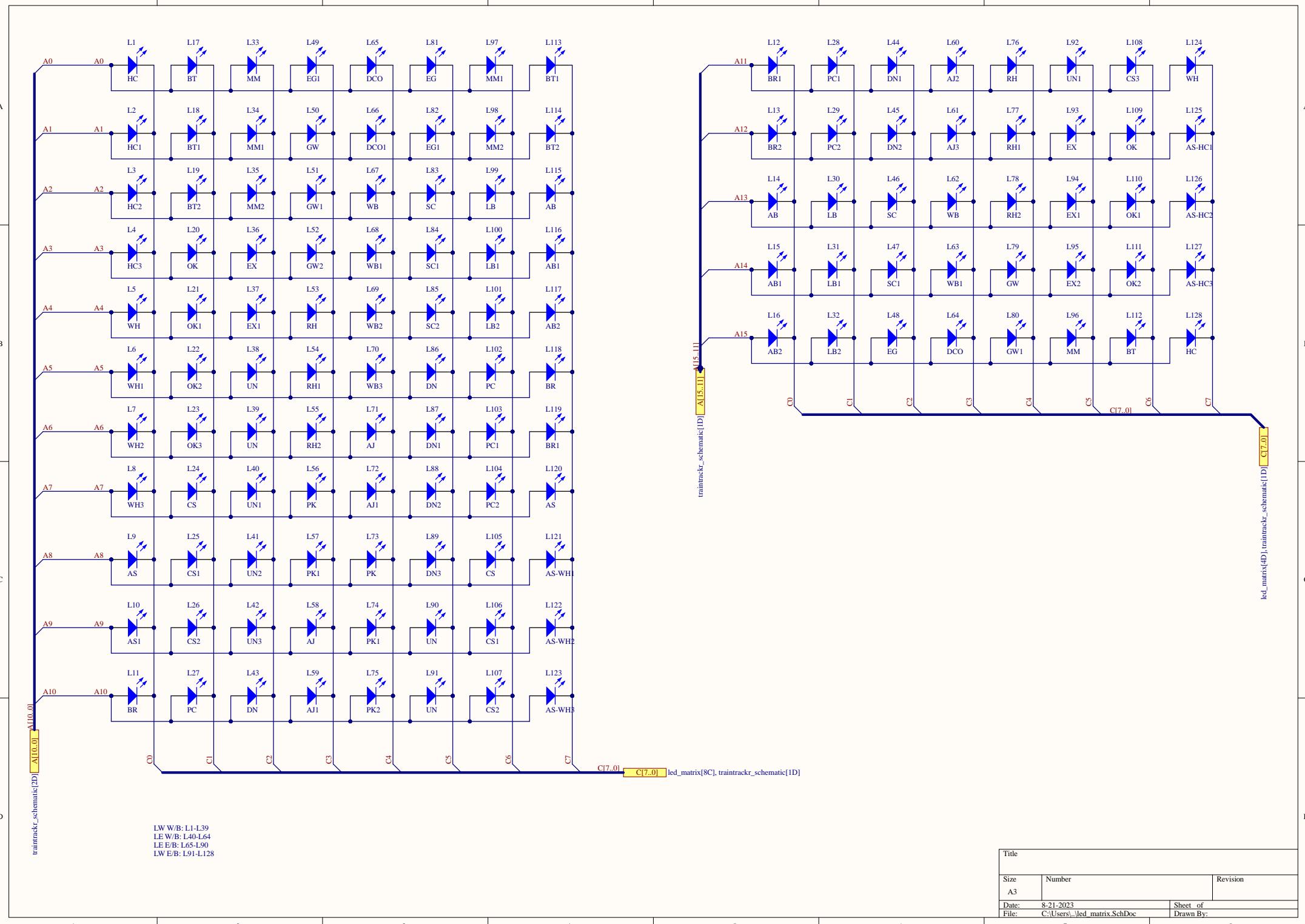
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**D**

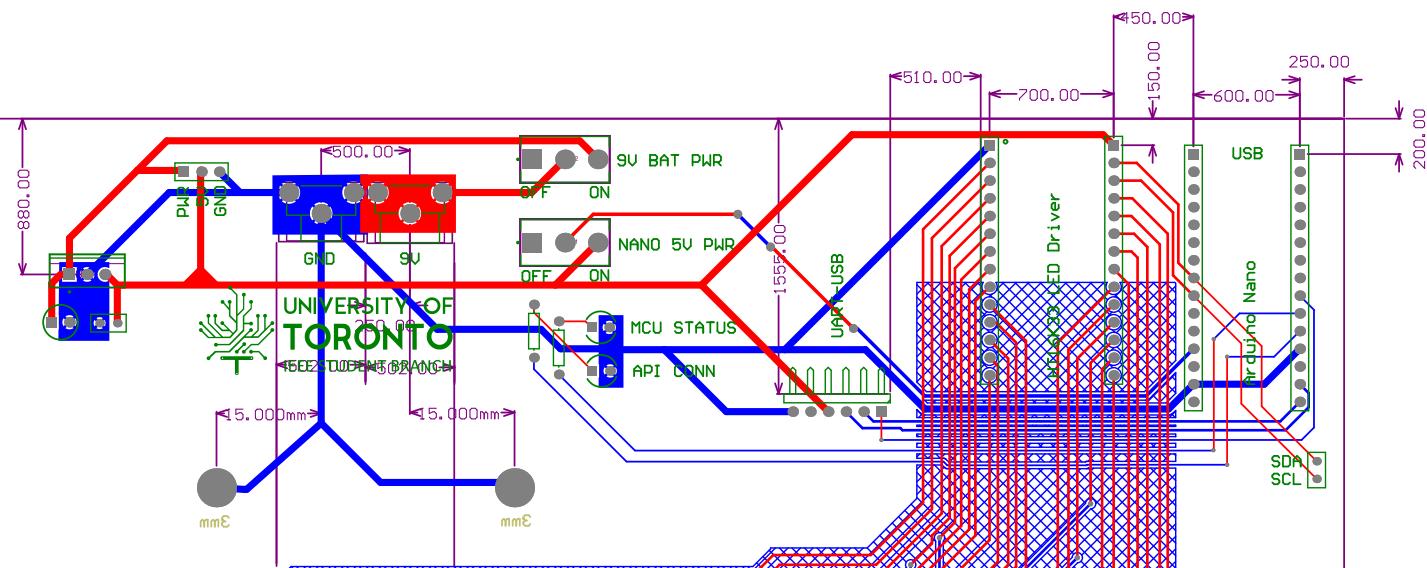
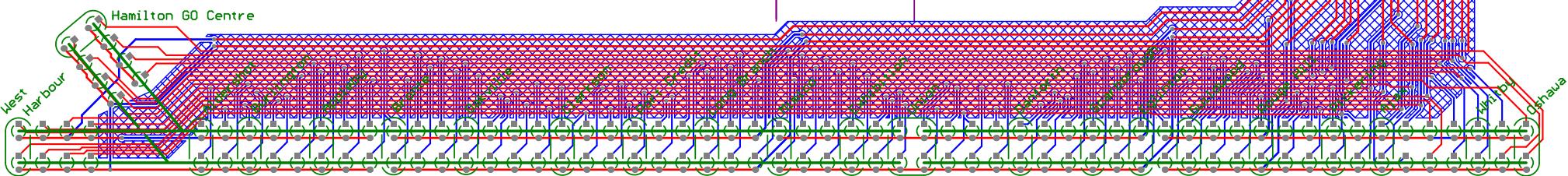
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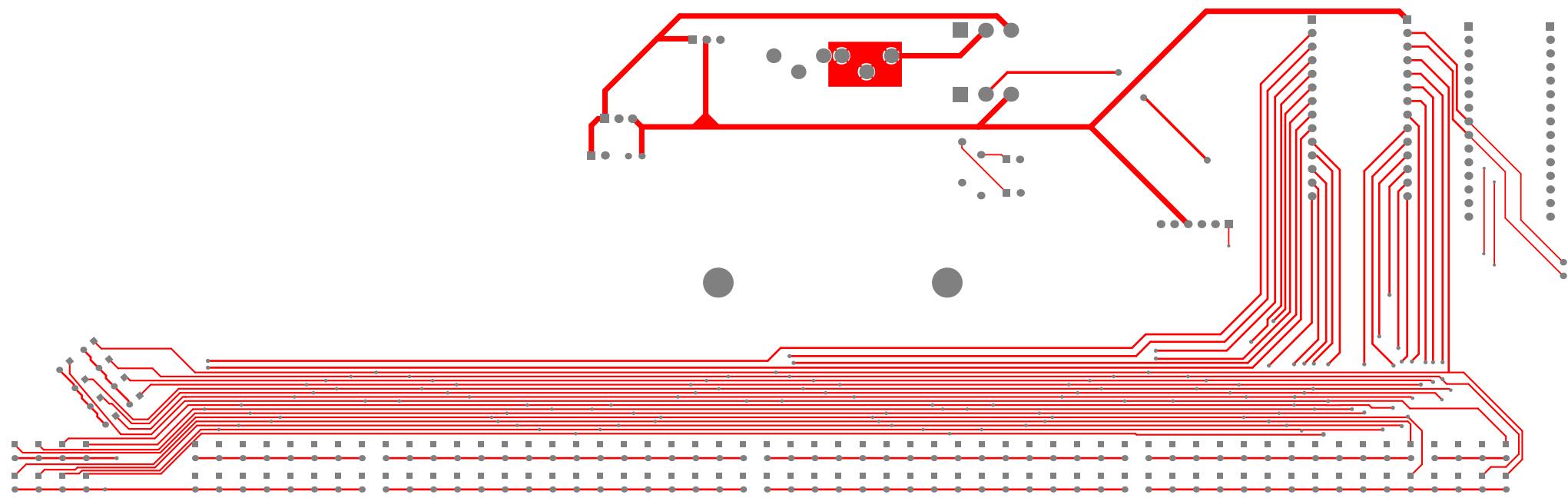
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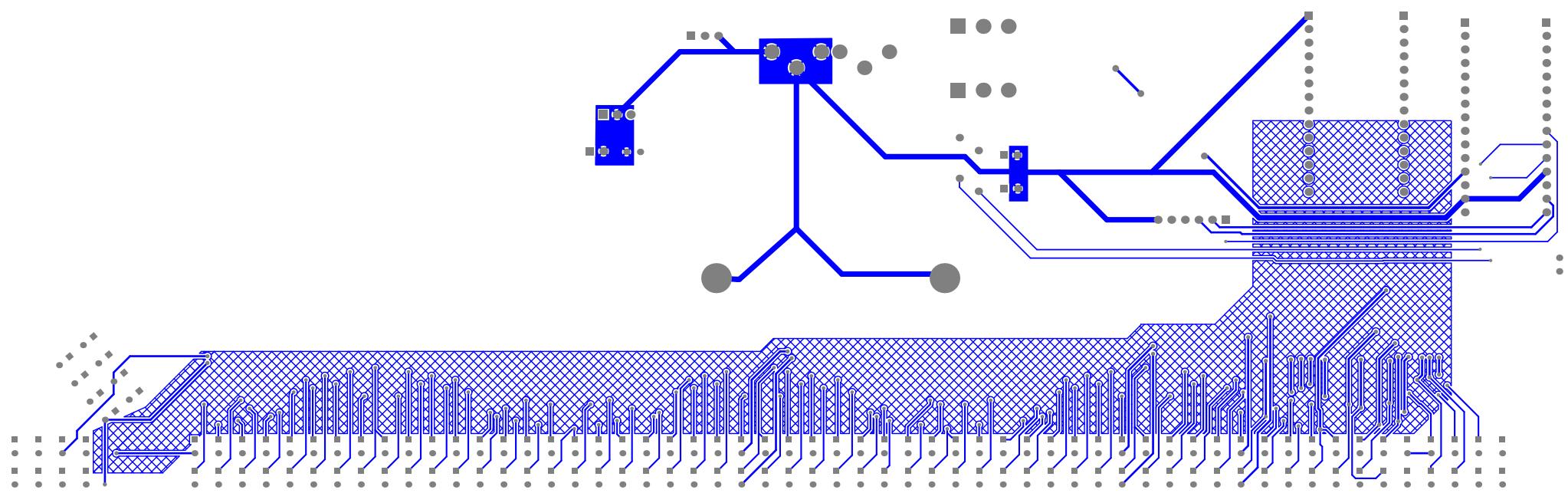


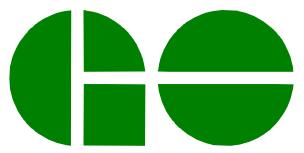


# Lakeshore West Lakeshore East Traintracker

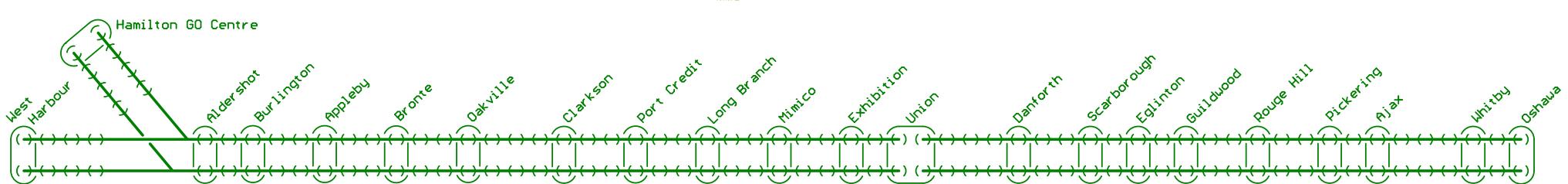




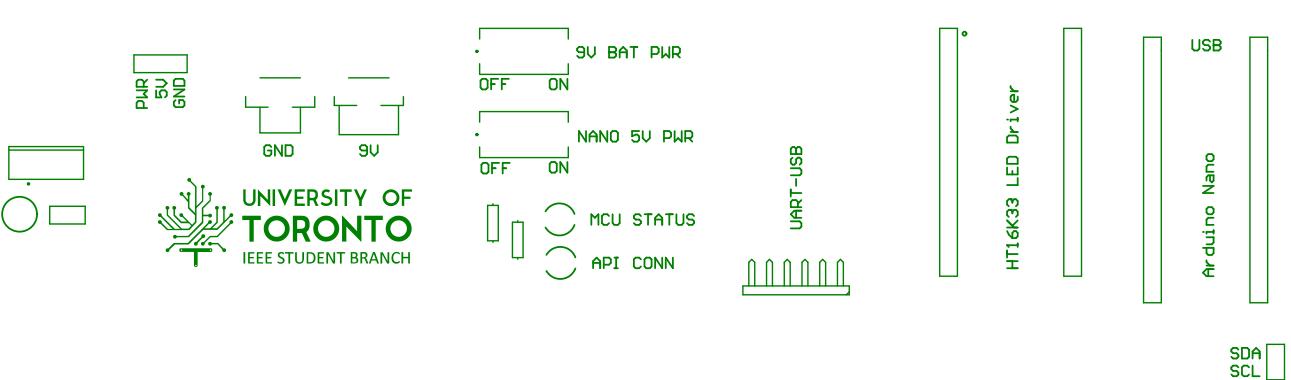


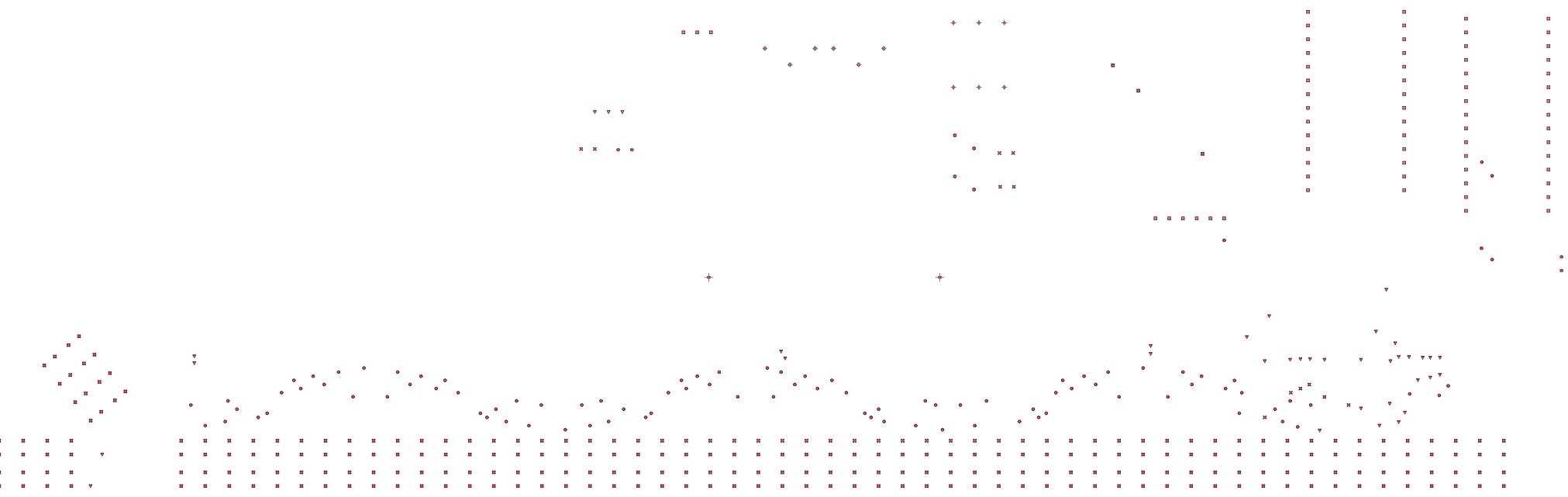


# Lakeshore West Lakeshore East Traintracker



Designed by: Geotrek Fwd







# Lakeshore West Lakeshore East

## Traintracker

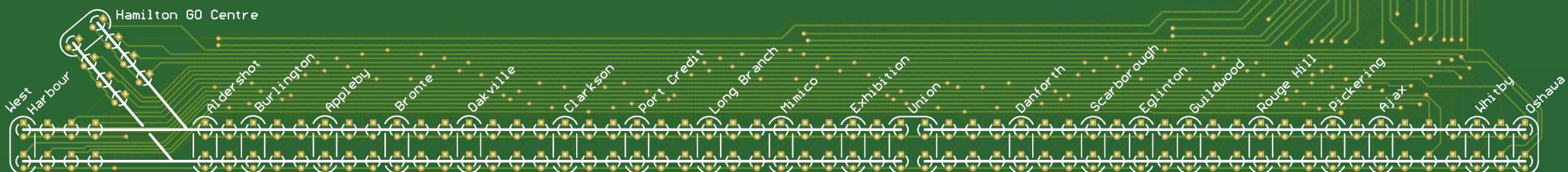
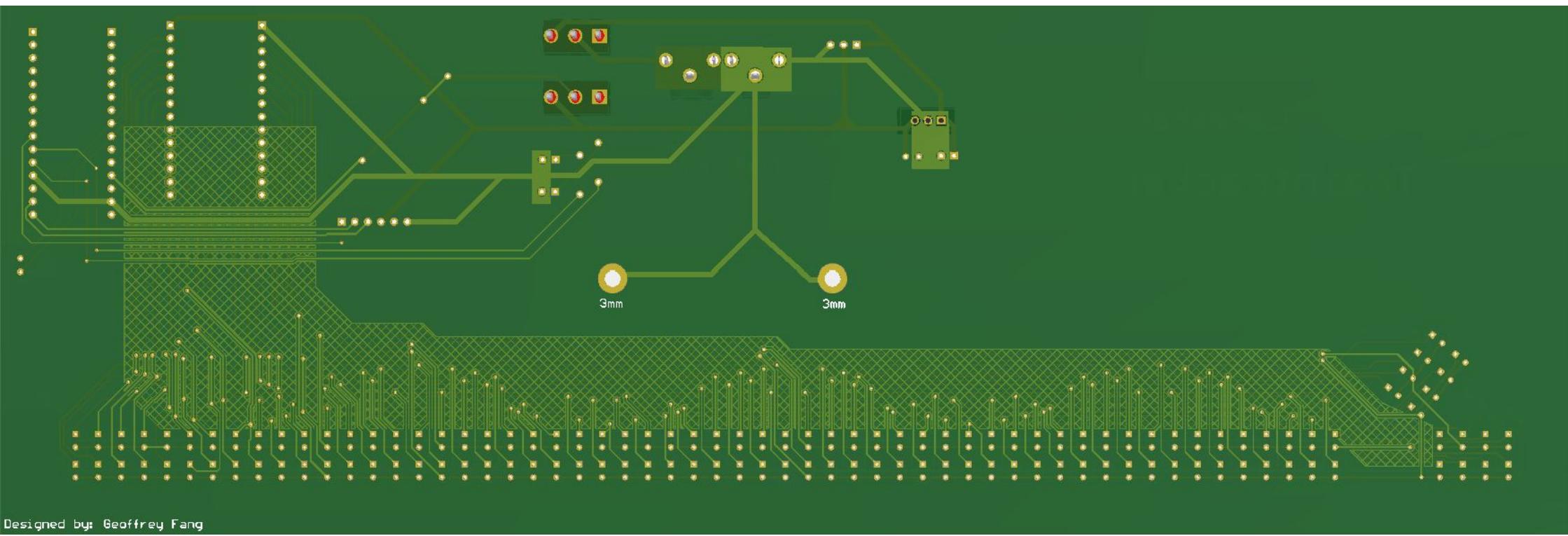


Photo by: Daniel and Benji



Designed by: Geoffrey Fang

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap	Capacitor	C1	RAD-0.1	CAP CLR 0.1UF 50V X7R RADIAL	1
Cap Pol1	Polarized Capacitor (Radial)	C2	Capacitor 330nF	Cap_Pol1	1
POWER	Typical RED GaAs LED	D1	LED_5MM	LED1	1
API CONNECTION	Typical RED GaAs LED	D2	LED_5MM	LED1	1
593 - GND	BATTERY CONTACT SNAP 9V PC PIN	J1	FP-593-MFG	CMP-19636-000031-1	1
594 - 9V	BATTERY CONTACT SNAP 9V PC PIN	J2	FP-594-MFG	CMP-19636-000029-1	1
HC	Typical RED GaAs LED	L1, L128	PCBCcomponent_1	LED1	2
H1	Typical RED GaAs LED	L2	PCBCcomponent_1	LED1	1
HC2	Typical RED GaAs LED	L3	PCBCcomponent_1	LED1	1
HC3	Typical RED GaAs LED	L4	PCBCcomponent_1	LED1	1
WH	Typical RED GaAs LED	L5, L124	PCBCcomponent_1	LED1	2
WH1	Typical RED GaAs LED	L6	PCBCcomponent_1	LED1	1
WH2	Typical RED GaAs LED	L7	PCBCcomponent_1	LED1	1
WH3	Typical RED GaAs LED	L8	PCBCcomponent_1	LED1	1
AS	Typical RED GaAs LED	L9, L120	PCBCcomponent_1	LED1	2
AS1	Typical RED GaAs LED	L10	PCBCcomponent_1	LED1	1
BR	Typical RED GaAs LED	L11, L118	PCBCcomponent_1	LED1	2
BR1	Typical RED GaAs LED	L12, L119	PCBCcomponent_1	LED1	2
BR2	Typical RED GaAs LED	L13	PCBCcomponent_1	LED1	1
AB	Typical RED GaAs LED	L14, L115	PCBCcomponent_1	LED1	2
AB1	Typical RED GaAs LED	L15, L116	PCBCcomponent_1	LED1	2
AB2	Typical RED GaAs LED	L16, L117	PCBCcomponent_1	LED1	2
BT	Typical RED GaAs LED	L17, L112	PCBCcomponent_1	LED1	2
BT1	Typical RED GaAs LED	L18, L113	PCBCcomponent_1	LED1	2
BT2	Typical RED GaAs LED	L19, L114	PCBCcomponent_1	LED1	2
OK	Typical RED GaAs LED	L20, L109	PCBCcomponent_1	LED1	2
OK1	Typical RED GaAs LED	L21, L110	PCBCcomponent_1	LED1	2
OK2	Typical RED GaAs LED	L22, L111	PCBCcomponent_1	LED1	2
OK3	Typical RED GaAs LED	L23	PCBCcomponent_1	LED1	1
CS	Typical RED GaAs LED	L24, L105	PCBCcomponent_1	LED1	2
CS1	Typical RED GaAs LED	L25, L106	PCBCcomponent_1	LED1	2
CS2	Typical RED GaAs LED	L26, L107	PCBCcomponent_1	LED1	2
PC	Typical RED GaAs LED	L27, L102	PCBCcomponent_1	LED1	2
PC1	Typical RED GaAs LED	L28, L103	PCBCcomponent_1	LED1	2
PC2	Typical RED GaAs LED	L29, L104	PCBCcomponent_1	LED1	2
LB	Typical RED GaAs LED	L30, L199	PCBCcomponent_1	LED1	2
LB1	Typical RED GaAs LED	L31, L100	PCBCcomponent_1	LED1	2
LB2	Typical RED GaAs LED	L32, L101	PCBCcomponent_1	LED1	2
MM	Typical RED GaAs LED	L33, L196	PCBCcomponent_1	LED1	2
MM1	Typical RED GaAs LED	L34, L197	PCBCcomponent_1	LED1	2
MM2	Typical RED GaAs LED	L35, L198	PCBCcomponent_1	LED1	2
EX	Typical RED GaAs LED	L36, L193	PCBCcomponent_1	LED1	2
EX1	Typical RED GaAs LED	L37, L194	PCBCcomponent_1	LED1	2
UN	Typical RED GaAs LED	L38, L39, L90, L91	PCBCcomponent_1	LED1	4
UN1	Typical RED GaAs LED	L40, L92	PCBCcomponent_1	LED1	2
UN2	Typical RED GaAs LED	L41	PCBCcomponent_1	LED1	1
UN3	Typical RED GaAs LED	L42	PCBCcomponent_1	LED1	1
DN	Typical RED GaAs LED	L43, L86	PCBCcomponent_1	LED1	2
DN1	Typical RED GaAs LED	L44, L87	PCBCcomponent_1	LED1	2
DN2	Typical RED GaAs LED	L45, L88	PCBCcomponent_1	LED1	2
SC	Typical RED GaAs LED	L46, L83	PCBCcomponent_1	LED1	2
SC1	Typical RED GaAs LED	L47, L84	PCBCcomponent_1	LED1	2
EG	Typical RED GaAs LED	L48, L81	PCBCcomponent_1	LED1	2
EG1	Typical RED GaAs LED	L49, L82	PCBCcomponent_1	LED1	2
GW	Typical RED GaAs LED	L50, L79	PCBCcomponent_1	LED1	2
GW1	Typical RED GaAs LED	L51, L80	PCBCcomponent_1	LED1	2
GW2	Typical RED GaAs LED	L52	PCBCcomponent_1	LED1	1
RH	Typical RED GaAs LED	L53, L76	PCBCcomponent_1	LED1	2
RH1	Typical RED GaAs LED	L54, L77	PCBCcomponent_1	LED1	2
RH2	Typical RED GaAs LED	L55, L78	PCBCcomponent_1	LED1	2
PK	Typical RED GaAs LED	L56, L73	PCBCcomponent_1	LED1	2
PK1	Typical RED GaAs LED	L57, L74	PCBCcomponent_1	LED1	2
AJ	Typical RED GaAs LED	L58, L71	PCBCcomponent_1	LED1	2
AJ1	Typical RED GaAs LED	L59, L72	PCBCcomponent_1	LED1	2
AJ2	Typical RED GaAs LED	L60	PCBCcomponent_1	LED1	1
AJ3	Typical RED GaAs LED	L61	PCBCcomponent_1	LED1	1
WB	Typical RED GaAs LED	L62, L67	PCBCcomponent_1	LED1	2
WB1	Typical RED GaAs LED	L63, L68	PCBCcomponent_1	LED1	2
DCO	Typical RED GaAs LED	L64, L65	PCBCcomponent_1	LED1	2
DCO1	Typical RED GaAs LED	L66	PCBCcomponent_1	LED1	1
WB2	Typical RED GaAs LED	L69	PCBCcomponent_1	LED1	1
WB3	Typical RED GaAs LED	L70	PCBCcomponent_1	LED1	1
PK2	Typical RED GaAs LED	L75	PCBCcomponent_1	LED1	1
SC2	Typical RED GaAs LED	L85	PCBCcomponent_1	LED1	1
DN3	Typical RED GaAs LED	L89	PCBCcomponent_1	LED1	1
EX2	Typical RED GaAs LED	L95	PCBCcomponent_1	LED1	1
CS3	Typical RED GaAs LED	L108	PCBCcomponent_1	LED1	1
AS-WH1	Typical RED GaAs LED	L121	PCBCcomponent_1	LED1	1
AS-WH2	Typical RED GaAs LED	L122	PCBCcomponent_1	LED1	1
AS-WH3	Typical RED GaAs LED	L123	PCBCcomponent_1	LED1	1
AS-HC1	Typical RED GaAs LED	L125	PCBCcomponent_1	LED1	1
AS-HC2	Typical RED GaAs LED	L126	PCBCcomponent_1	LED1	1
AS-HC3	Typical RED GaAs LED	L127	PCBCcomponent_1	LED1	1
HT14K33 LEFT	Header, 14-Pin	P1	HDR1X14	Header 14	1
HT14K33 RIGHT	Header, 14-Pin	P2	HDR1X14	Header 14	1
NANO Tx1 side, USB side pins	Header, 15-Pin	P3	HDR1X15	Header 15	1
NANO Tx1 side, USB side pin 1	Header, 15-Pin	P4	HDR1X15	Header 15	1
UART - GND LEFT Angle	Header, 6-Pin, Right	P5	HDR1X6H	Header 6H	1
Extra Power	Header, 3-Pin	P6	HDR1X3	Header 3	1
I2C Angle	Header, 2-Pin, Right	P7	RAD-0.1	Header 2H	1
Res1	Resistor	R1, R2	AXIAL-0.3	Res1	2
1101M2S3COE2	SWITCH SLIDE SPDT 6A 120V	SW1, SW2	FP-1101M2S3COE2-MFG	CMP-10038-000019-1	2
LM340T-5.0	Series 3-Terminal Positive Regulators, 3-pin TO-220	U1	NDE0003A	CMP-0062-02468-3	1