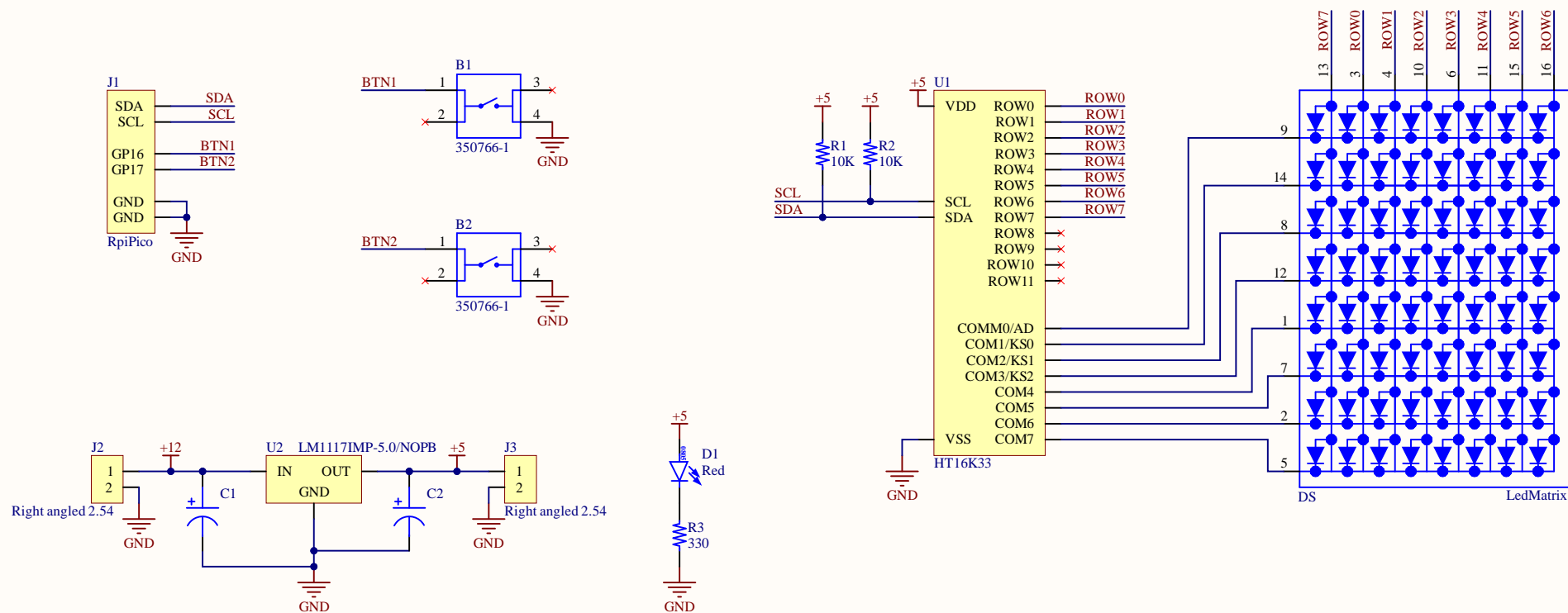
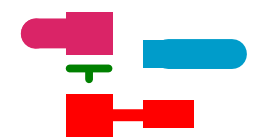


# BlinkPico Module



Title <b>BlinkPico.PrjPcb</b>		
Size A4	Number <b>1</b>	Revision <b>1</b>
Date: 11/22/2021	Sheet of <b>1 of 1</b>	
File: C:\Users\...\BlinkPico.SchDoc	Drawn By: <b>Andrea</b>	

blink

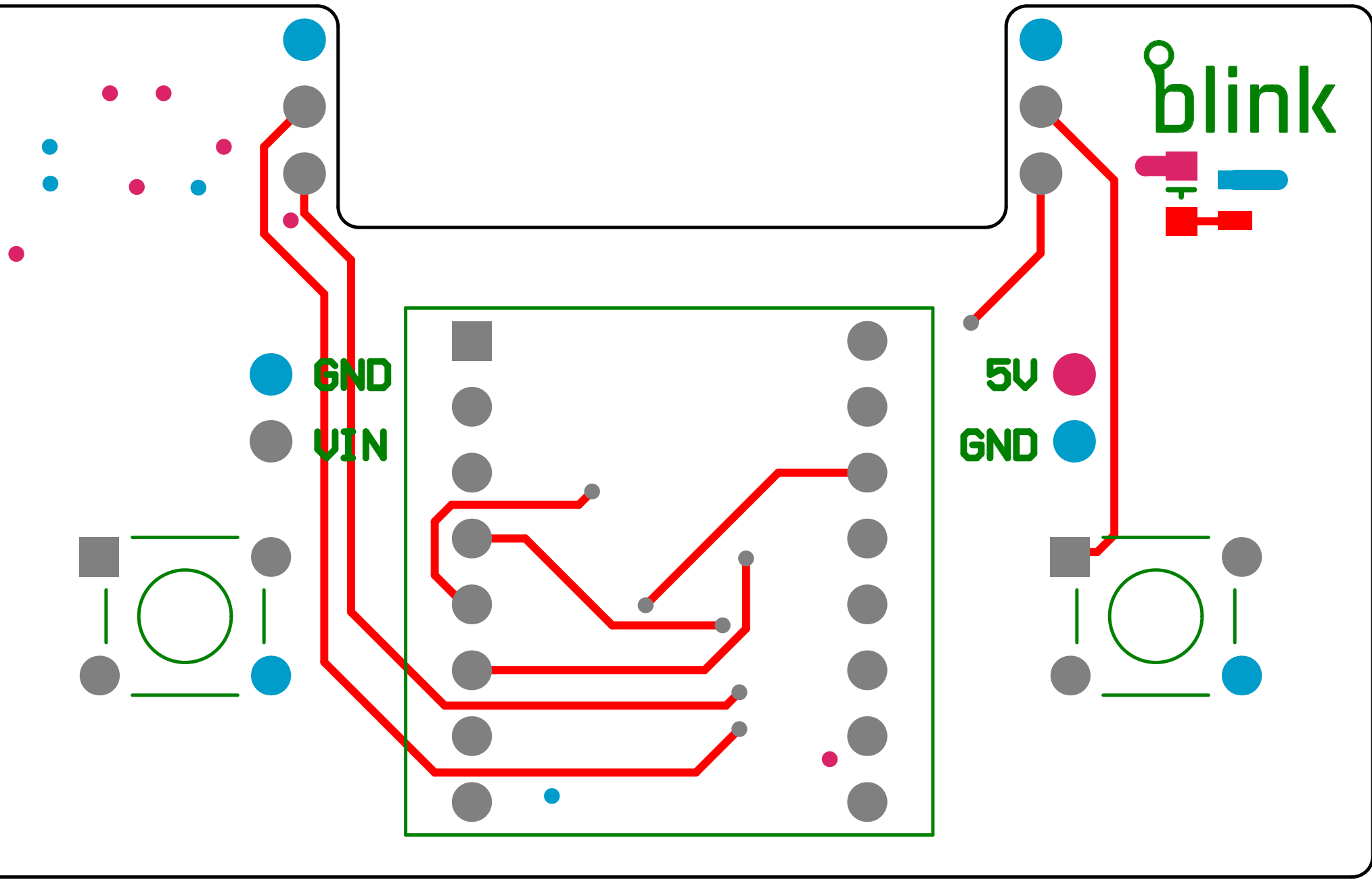


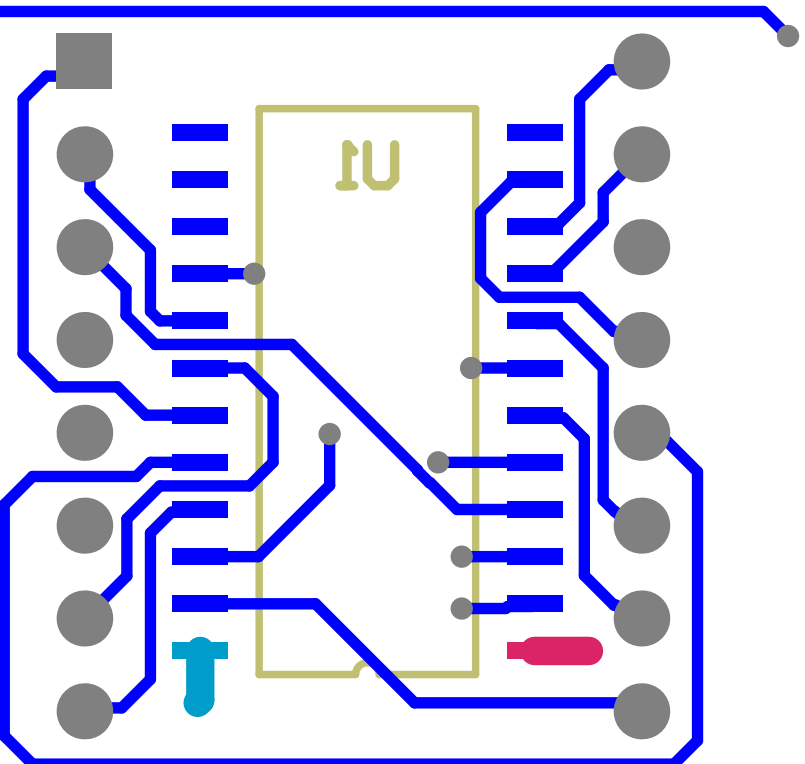
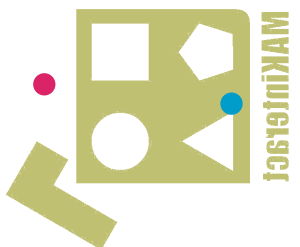
5V

GND

GND

VIN



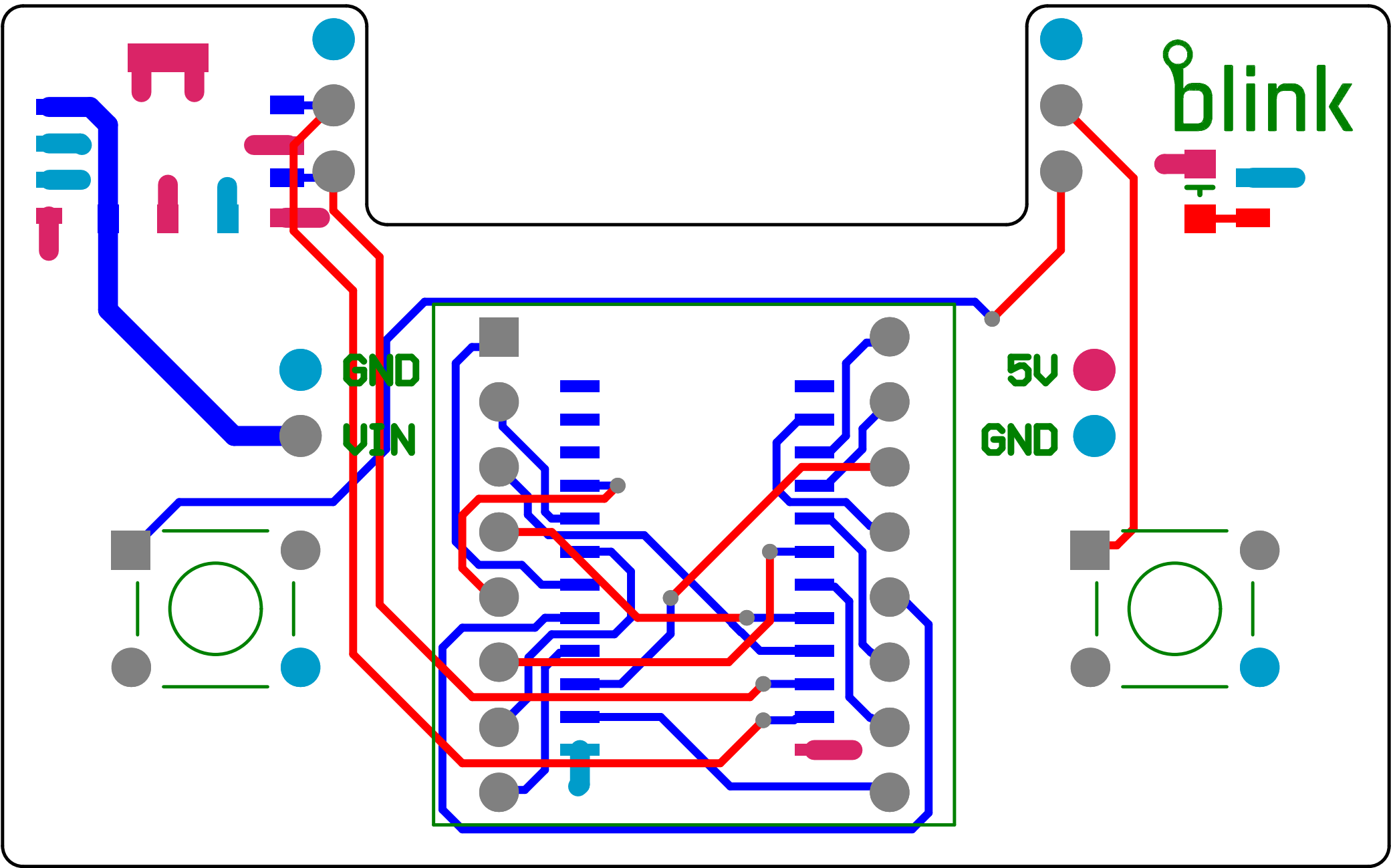


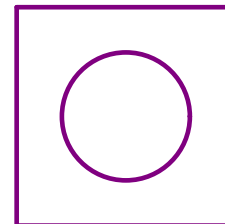
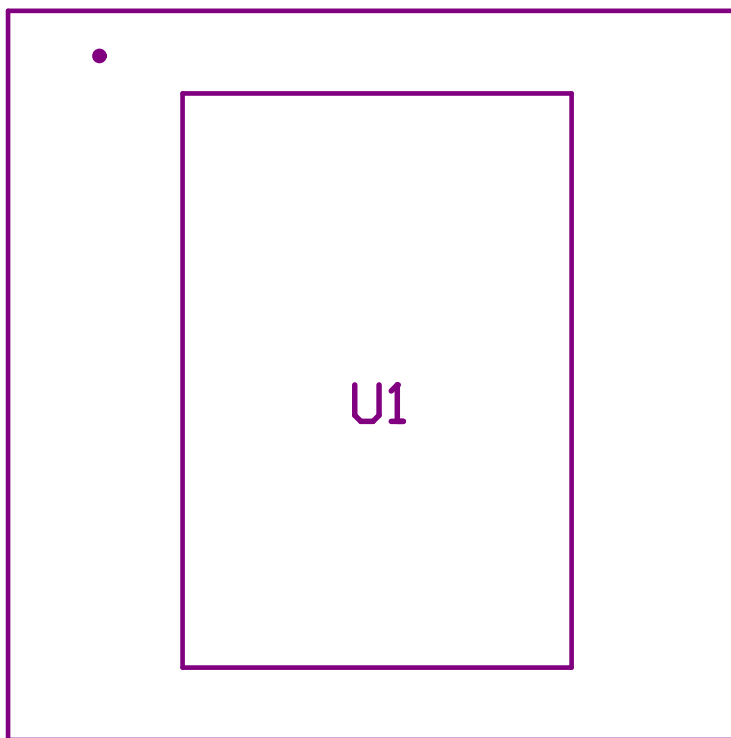
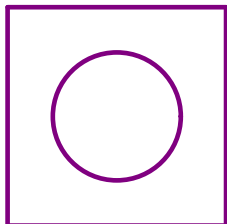
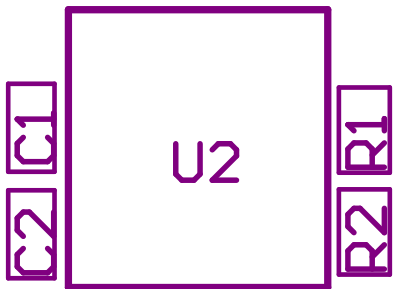
B1 B2

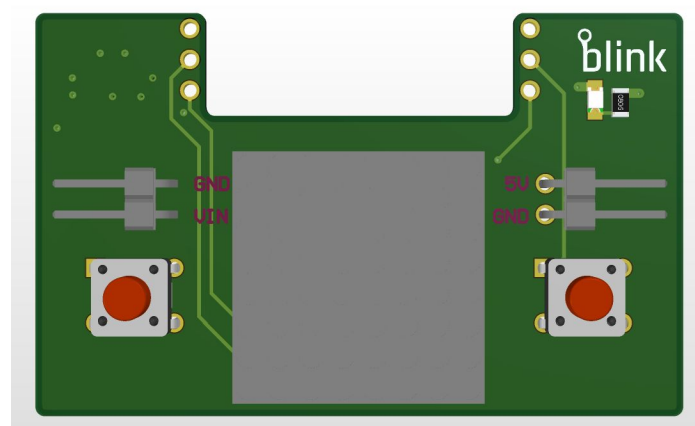


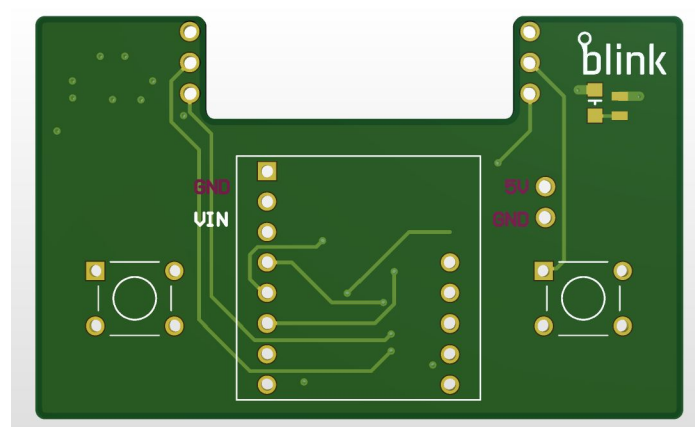
C1 C2

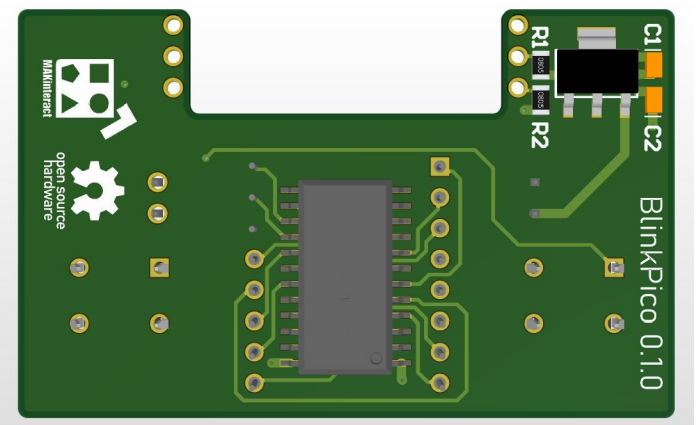
BlinkPico 0.1.0













Designator	Comment	Description	Manufacturer 1	Manufacturer Part Number 1	Quantity	Supplier Part Number 1	Supplier Unit Price 1	Supplier Currency 1	Supplier Order Qty 1	Supplier Order Qty 2	ComponentLink1URL
DS	LedMatrix	DISPLAY, DOT MATRIX, 0.8, 8X8, GREEN; Display Dots x Lines: 8 x 8; LED Colour: Gr			1						<a href="https://www.devicemart.co.kr/goods/view?no=1287093">https://www.devicemart.co.kr/goods/view?no=1287093</a>
J1	RpiPico				1						
J2, J3	Right angled 2.54				2						
R3	330	Generc resistor 330 Ohm 0805			1						
U1	HT16K33				1						
B1, B2	350766-1	Connector, Soft Shell; Universal MATE-N-LOK; 3; Plug; Nylon; Natural; 19 A	TE Connectivity	350766-1	2	A14280-ND	598.93	KRW		2	<a href="https://datasheet.ciiva.com/30171/eng-cat-124962-0304-371-30171553.pdf?src-supplier=Onlinecomponents.com">https://datasheet.ciiva.com/30171/eng-cat-124962-0304-371-30171553.pdf?src-supplier=Onlinecomponents.com</a>
C1, C2	TCP1A106M8R	Cap Tant Solid 10uF 10V P CASE 20% (2 X 1.25 X 1.2mm) Inward L SMD 2012-12 125C T/R	Rohm	TCP1A106M8R	2	511-1685-1-ND	664.27	KRW		2	<a href="https://datasheet.ciiva.com/16493/tc-p-16493678.pdf?src-supplier=FutureElectronics">https://datasheet.ciiva.com/16493/tc-p-16493678.pdf?src-supplier=FutureElectronics</a>
D1	Red	SMD LED red 2.4 V 0805, 150080RS75000, Würth Elektronik	Würth Electronics	150080RS75000	1	732-4984-6-ND	196.01	KRW		1	<a href="https://datasheet.ciiva.com/22656/150080rs75000-22656961.pdf?src-supplier=Element14">https://datasheet.ciiva.com/22656/150080rs75000-22656961.pdf?src-supplier=Element14</a>
R1, R2	10K	Res Thick Film 0805 10K Ohm 5% 1/8W ±100ppm/°C Molded SMD Paper T/R	Yageo	RC0805JR-0710KL	2	311-10KARCT-ND	108.9	KRW		2	<a href="https://datasheet.ciiva.com/7941/444164-7941870.pdf?src-supplier=Element14">https://datasheet.ciiva.com/7941/444164-7941870.pdf?src-supplier=Element14</a>
U2	LM1117IMP-5.0/NOPB	800-mA 15-V linear voltage regulator 4-SOT-223 -40 to 125	TI National Semiconductor	LM1117IMP-5.0/NOPB	1	LM1117IMP-5.0/NOPBDKR-ND	1535.43	KRW		1	<a href="https://datasheet.ciiva.com/6580/lm1117-n-6580070.pdf?src-supplier=Digi-Key">https://datasheet.ciiva.com/6580/lm1117-n-6580070.pdf?src-supplier=Digi-Key</a>