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## REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
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A

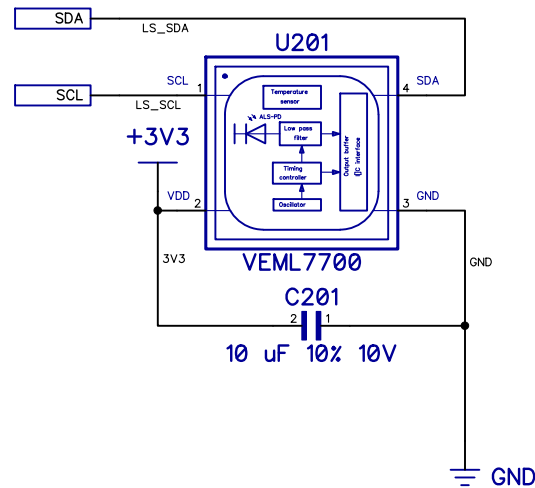
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## TMPCB Pico Macrokeypad

Variation	Hierarchical Sheet	Page	Rev
B:25-Key	Light Sensor	02 of 11	1.0.0
Date 2021-11-13 16:45		Drawn by MJH	
PicoKeypad_202111131645_VAR_B_VER_1_0_0.dch			

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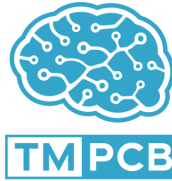
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## REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
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A

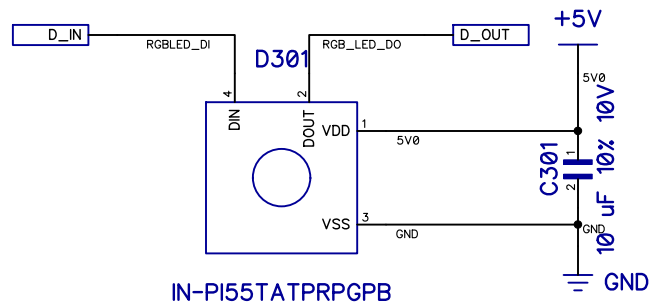
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## TMPCB Pico Macrokeypad

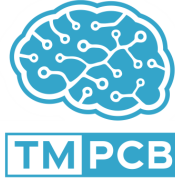
Variation	Hierarchical Sheet	Page	Rev
B:25-Key	ADDR RGB LED	03 of 11	1.0.0
Date 2021-11-13 16:45		Drawn by MJH	
PicoKeypad_202111131645_VAR_B_VER_1_0_0.dch			

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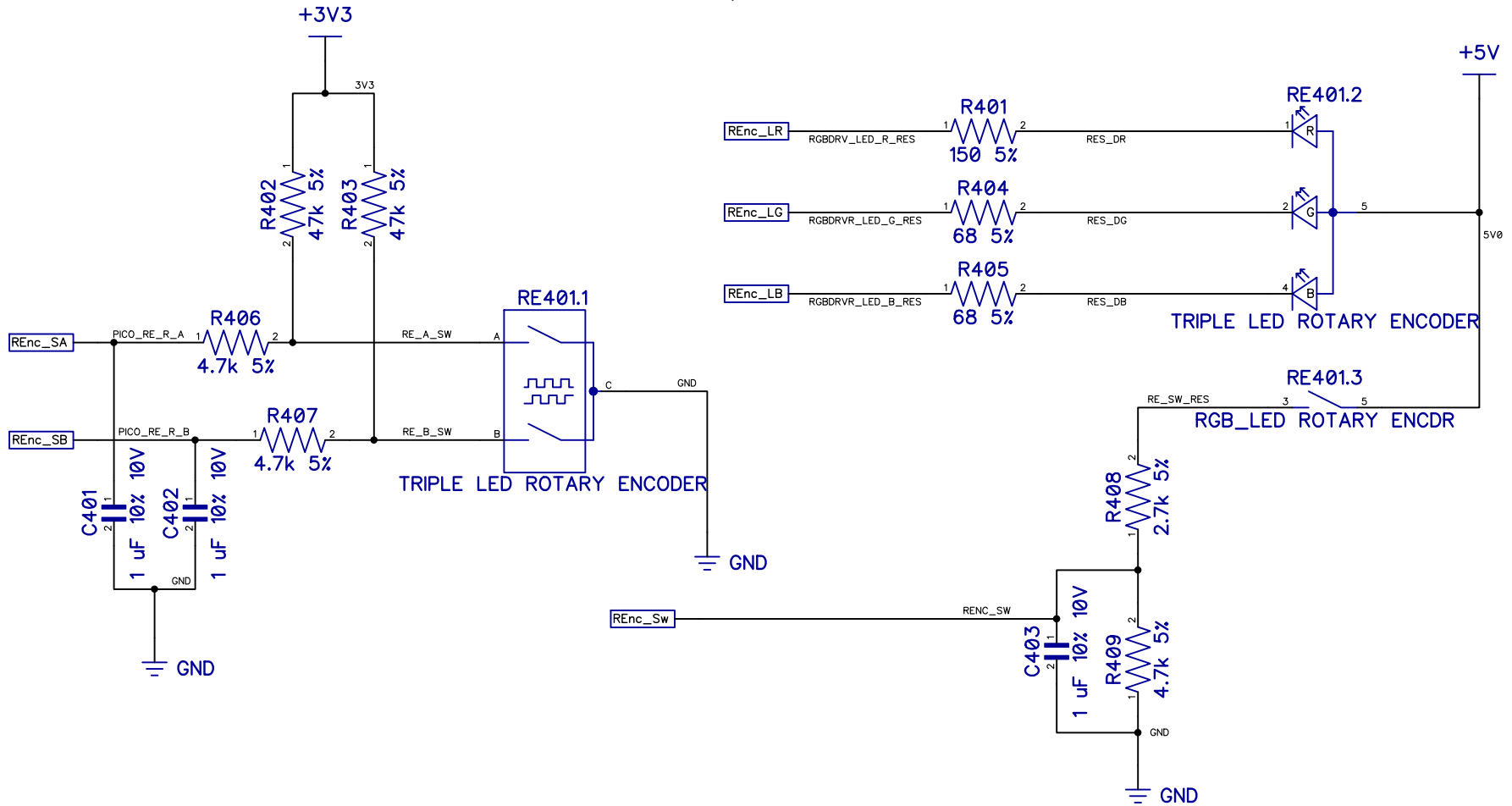
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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



TMPCB Pico Macrokeypad			
Variation	Hierarchical Sheet	Page	Rev
B:25-Key	RotaryEncoder	04 of 11	1.0.0
Date	2021-11-13 16:45	Drawn by MJH	
PicoKeypad_202111131645_VAR_B_VER_1_0_0.dch			

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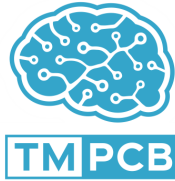
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## REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
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A

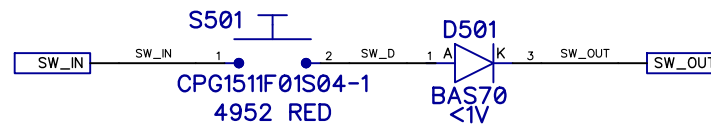
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## TMPCB Pico Macrokeypad

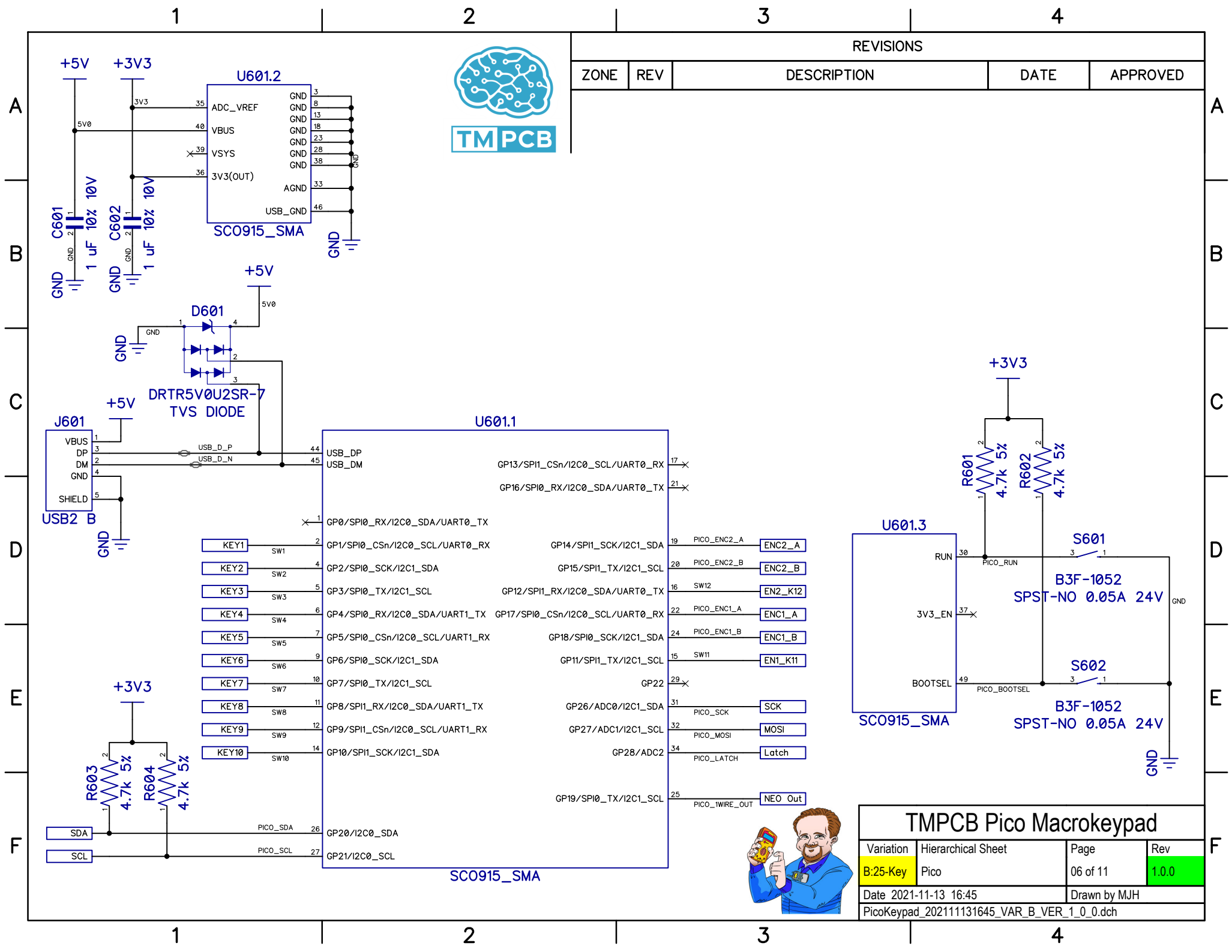
Variation	Hierarchical Sheet	Page	Rev
B:25-Key	DiodeSwitch	05 of 11	1.0.0
Date 2021-11-13 16:45		Drawn by MJH	
PicoKeypad_202111131645_VAR_B_VER_1_0_0.dch			

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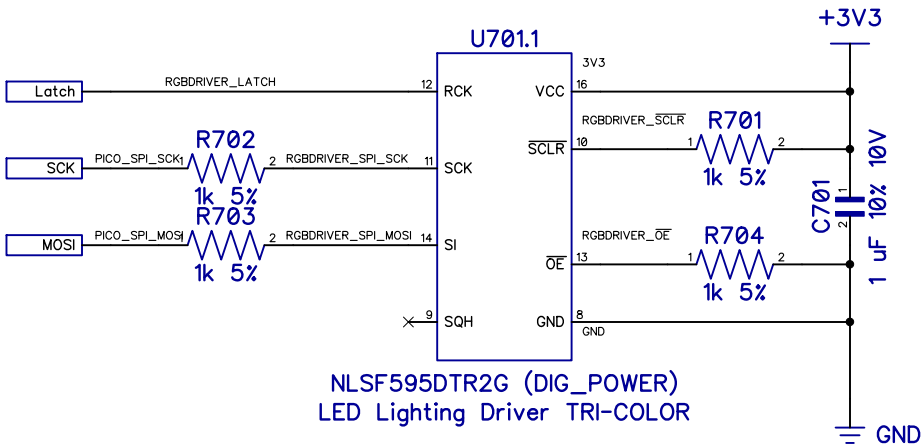
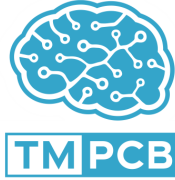
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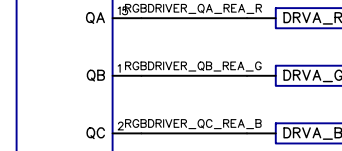


NLSF595DTR2G (DIG\_POWER)  
LED Lighting Driver TRI-COLOR

## REVISIONS

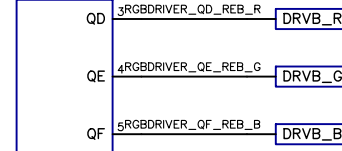
ZONE	REV	DESCRIPTION	DATE	APPROVED
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## U701.2



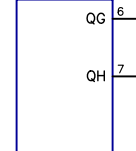
NLSF595DTR2G (LED1)  
LED Lighting Drivers LOGIC TRI-COLOR LED

## U701.3



NLSF595DTR2G (LED2)  
LED Lighting Drivers LOGIC TRI-COLOR LED

## U701.4



NLSF595DTR2G (LED3)  
LED Lighting Drivers LOGIC TRI-COLOR LED



## TMPCB Pico Macrokeypad

Variation	Hierarchical Sheet	Page	Rev
B:25-Key	RGB_Driver	07 of 11	1.0.0
Date 2021-11-13 16:45		Drawn by MJH	
PicoKeypad_202111131645_VAR_B_VER_1_0_0.dch			

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TMPCB

## REVISIONS

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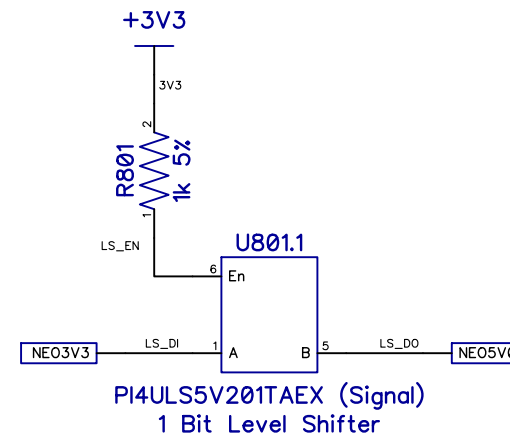
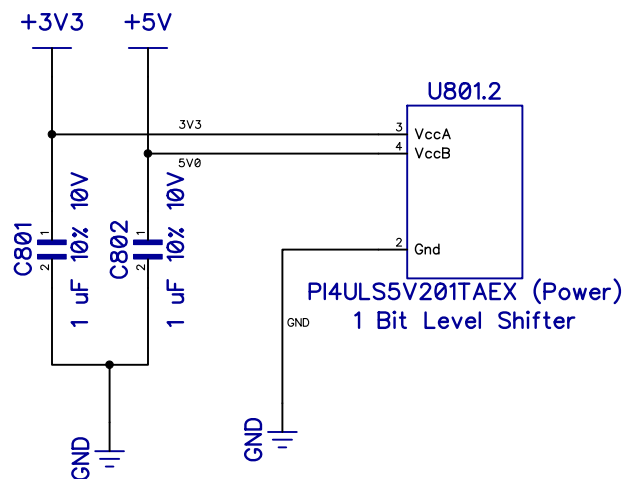
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## TMPCB Pico Macrokeypad

Variation	Hierarchical Sheet	Page	Rev
B:25-Key	LevelConverter	08 of 11	1.0.0
Date 2021-11-13 16:45		Drawn by MJH	
PicoKeypad_202111131645_VAR_B_VER_1_0_0.dch			

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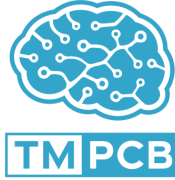
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## REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
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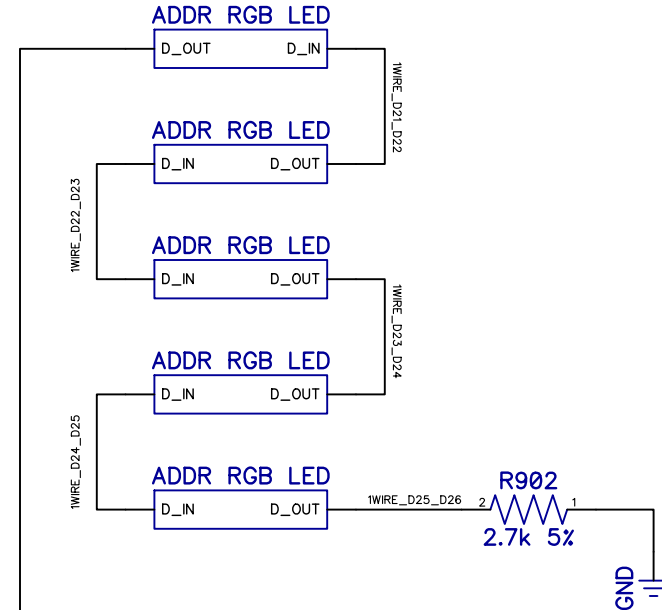
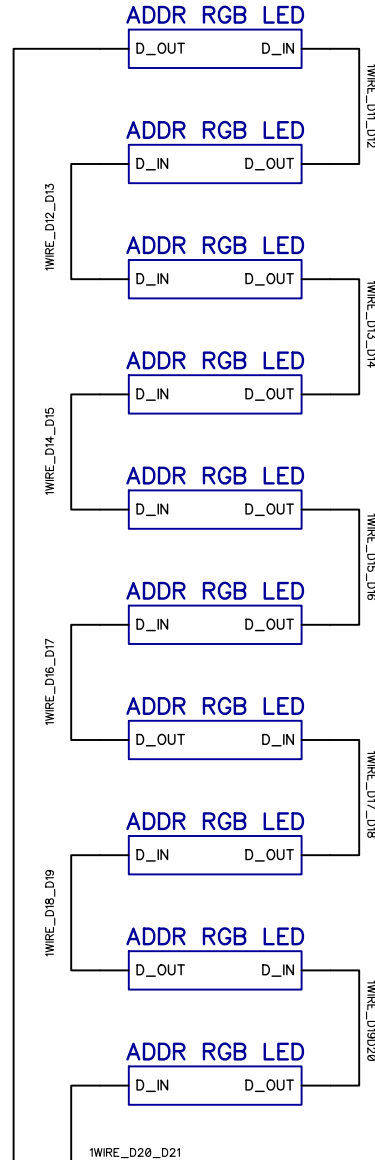
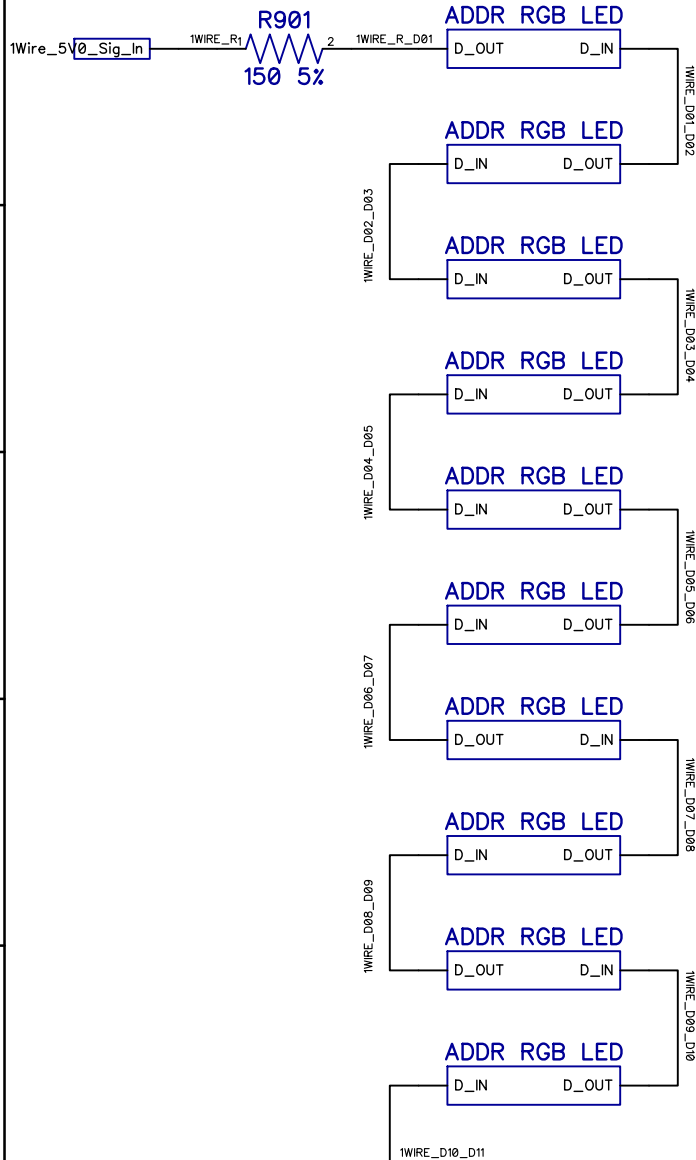
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## TMPCB Pico Macrokeypad

Variation	Hierarchical Sheet	Page	Rev
B:25-Key	LED_Group25	09 of 11	1.0.0
Date 2021-11-13 16:45		Drawn by MJH	
PicoKeypad_202111131645_VAR_B_VER_1_0_0.dch			

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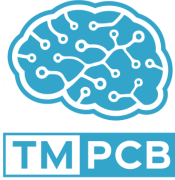
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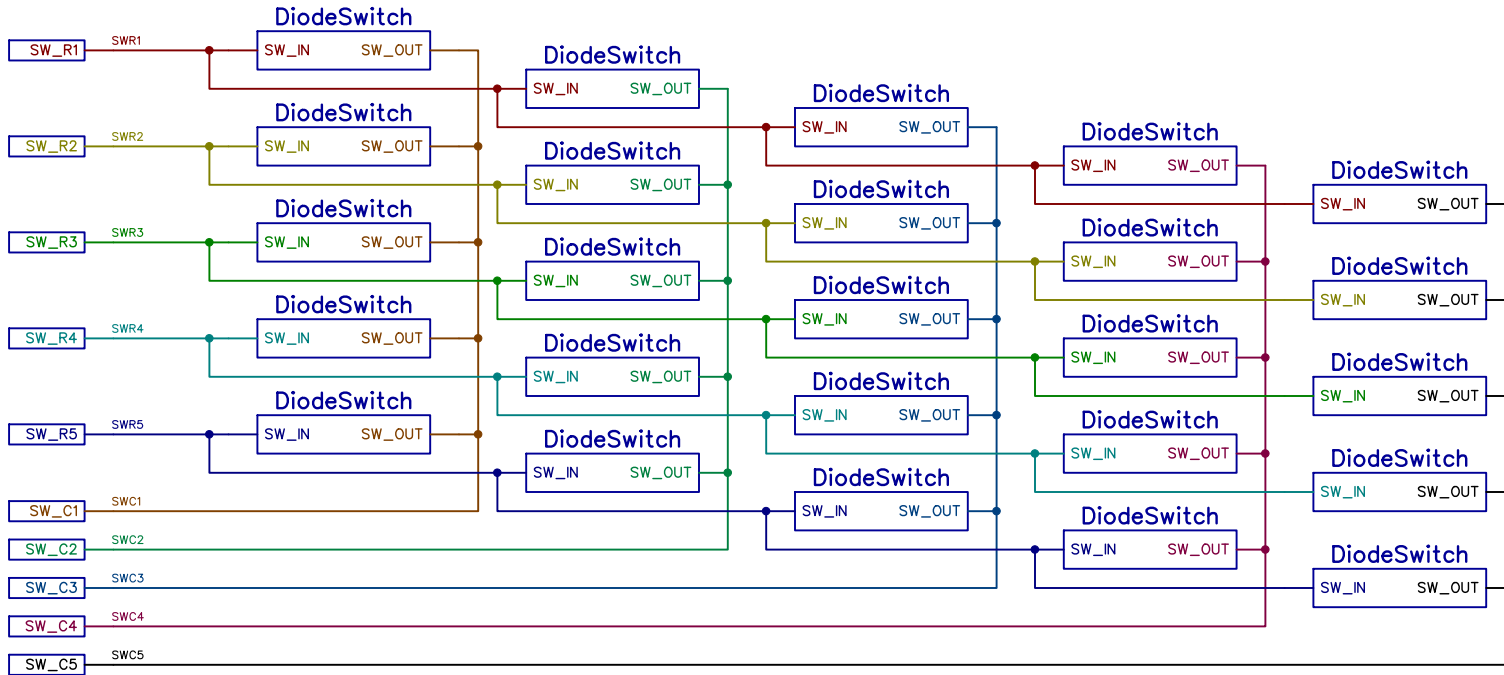
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ZONE	REV	DESCRIPTION	DATE	APPROVED
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TMPCB Pico Macrokeypad

Variation	Hierarchical Sheet	Page	Rev
B:25-Key	Switch_25	10 of 11	1.0.0
Date 2021-11-13 16:45		Drawn by MJH	
PicoKeypad_202111131645_VAR_B_VER_1_0_0.dch			

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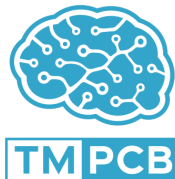
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#	RefDes	Name	Quantity	Manufacturer	Value	Price	Order Link
1	C201, C301_1, C301_2, C301_3, C301_4, C301_5, C301_6, C301_7, C301_8, C301_9, C301_10, C301_11, C301_12, C301_13, C301_14, C301_15, C301_16, C301_17, C301_18, C301_19, C301_20, C301_21, C301_22, C301_23, C301_24, C301_25	CL21A106KPFNNNG	26	Samsung	10 uF 10% 10V	0.092 USD	Visit Site...
2	C401_1, C401_2, C402_1, C402_2, C403_1, C403_2, C601, C602, C701, C801, C802	CL21B105KPFNNNE	11	Samsung	1 uF 10% 10V	0.061 USD	Visit Site...
3	D301_1, D301_2, D301_3, D301_4, D301_5, D301_6, D301_7, D301_8, D301_9, D301_10, D301_11, D301_12, D301_13, D301_14, D301_15, D301_16, D301_17, D301_18, D301_19, D301_20, D301_21, D301_22, D301_23, D301_24, D301_25	IN-PI55TATPRPGPB	25	Inolux	IN-PI55TATPRPGPB	0.379 USD	Visit Site...
4	D501_1, D501_2, D501_3, D501_4, D501_5, D501_6, D501_7, D501_8, D501_9, D501_10, D501_11, D501_12, D501_13, D501_14, D501_15, D501_16, D501_17, D501_18, D501_19, D501_20, D501_21, D501_22, D501_23, D501_24, D501_25	BAS70	25	Diotec	<1V		
5	D601	DRTR5V0U2SR-7	1	Diodes Inc	TVS DIODE	0.4 USD	Visit Site...
6	J601	UE27BC54130	1	Amphenol	USB2 B	1.23 USD	Visit Site...
7	R401_1, R401_2, R901	RMCF0805JT150R	3	Stackpole	150 5%	0.1 USD	Visit Site...
8	R402_1, R402_2, R403_1, R403_2	RMCF0805FT47K0	4	Stackpole	47k 5%		
9	R404_1, R404_2, R405_1, R405_2	RMCF0805JT68R0	4	Stackpole	68 5%	0.1 USD	Visit Site...
10	R406_1, R406_2, R407_1, R407_2, R409_1, R409_2, R601, R602, R603, R604	RMCF0805FT4K70	10	Stackpole	4.7k 5%	0.027 USD	Visit Site...
11	R408_1, R408_2, R902	RMCF0805FT2K70	3	Stackpole	2.7k 5%	0.1 USD	Visit Site...
12	R701, R702, R703, R704, R801	RMCF0805FT1K00	5	Stackpole	1k 5%	0.1 USD	Visit Site...
13	RE401_1, RE401_2	PEL12T-4226F-S1024	2	BOURNES	TRIPLE LED ROTARY ENCODER		
14	S501_1, S501_2, S501_3, S501_4, S501_5, S501_6, S501_7, S501_8, S501_9, S501_10, S501_11, S501_12, S501_13, S501_14, S501_15, S501_16, S501_17, S501_18, S501_19, S501_20, S501_21, S501_22, S501_23, S501_24, S501_25	CPG1511F01S04-1	25	ADAFRUIT	4952 RED		
15	S601, S602	B3F-1052	2	Omron	SPST-NO 0.05A 24V	0.36 USD	Visit Site...
16	U201	VEML7700-TR	1	Vishay Semiconductor Opto Division	VEML7700	2.13 USD	Visit Site...
17	U601	SC0915 REVC	1	Raspberry Pi	SC0915 SMA		
18	U701	NLSF595DTR2G	1	ONSEMI	LED Lighting Driver TRI-COLOR	1.22 USD	Visit Site...
19	U801	PI4ULS5V201TAEX	1	Pericom	1 Bit Level Shifter	0.46 USD	Visit Site...
			151			20.468 USD	



## TMPCB Pico Macrokeypad

Variation	Hierarchical Sheet	Page	Rev
B:25-Key	BOM_Switch_25	11 of 11	1.0.0
Date 2021-11-13 16:45		Drawn by MJH	
PicoKeypad_202111131645_VAR_B_VER_1.0_0.dch			

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