

2560_TrainingKit

Variant: [No Variations]

26/02/2021
V1

RELEASED DD-MMM-YYYY

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DESIGN CONSIDERATIONS

DESIGN NOTE:
Example text for informational
design notes.

DESIGN NOTE:
Example text for critical
design notes.

DESIGN NOTE:
Example text for cautionary
design notes.

LAYOUT NOTE:
Example text for critical
layout guidelines.

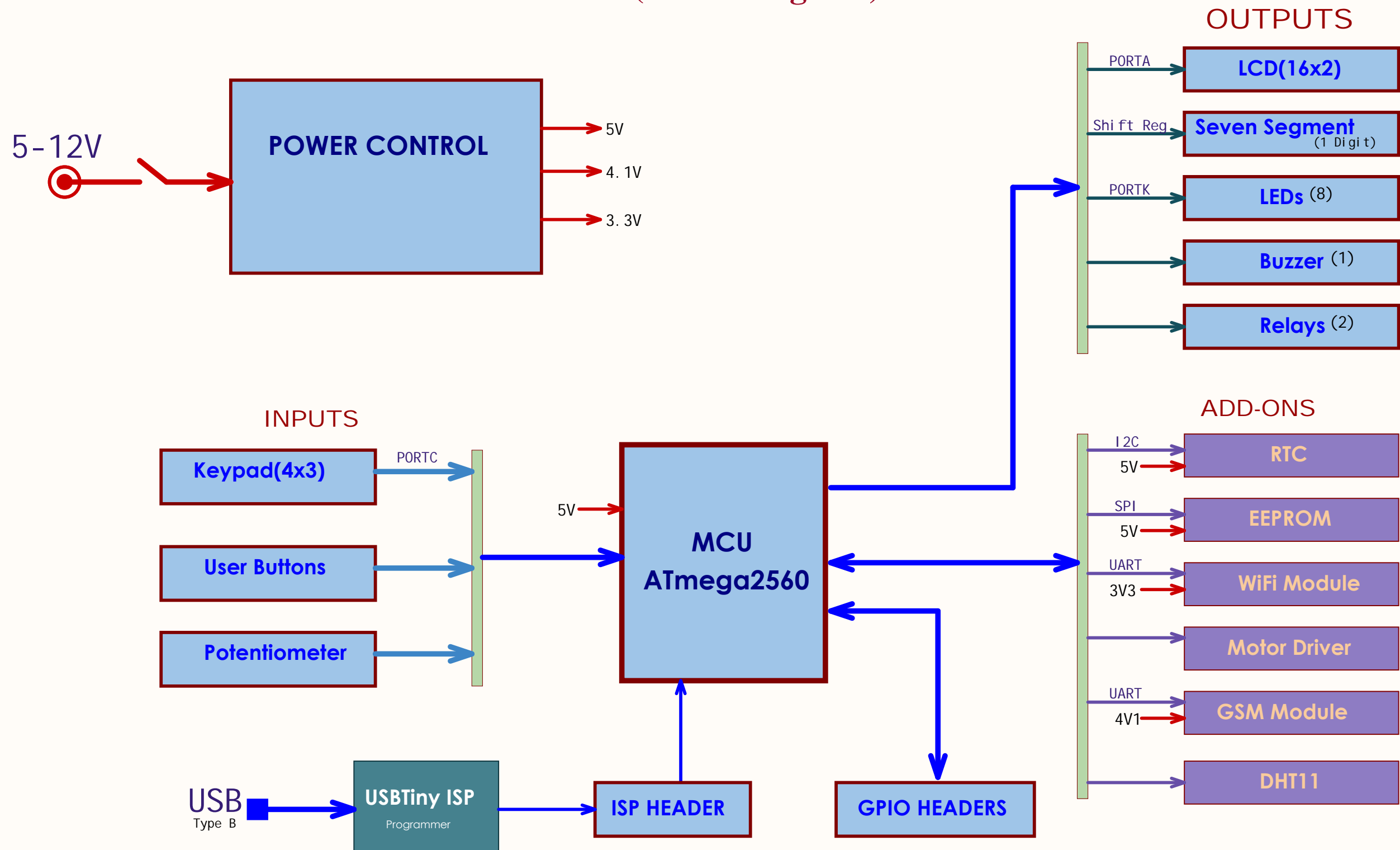
DESIGN NOTE:
Example text for debug notes.



Embedsystems		http://embedsystems.com	
Title: 2560_TrainingKit		Variant: [No Variations]	
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2560_TrainingKit

(Block Diagram)

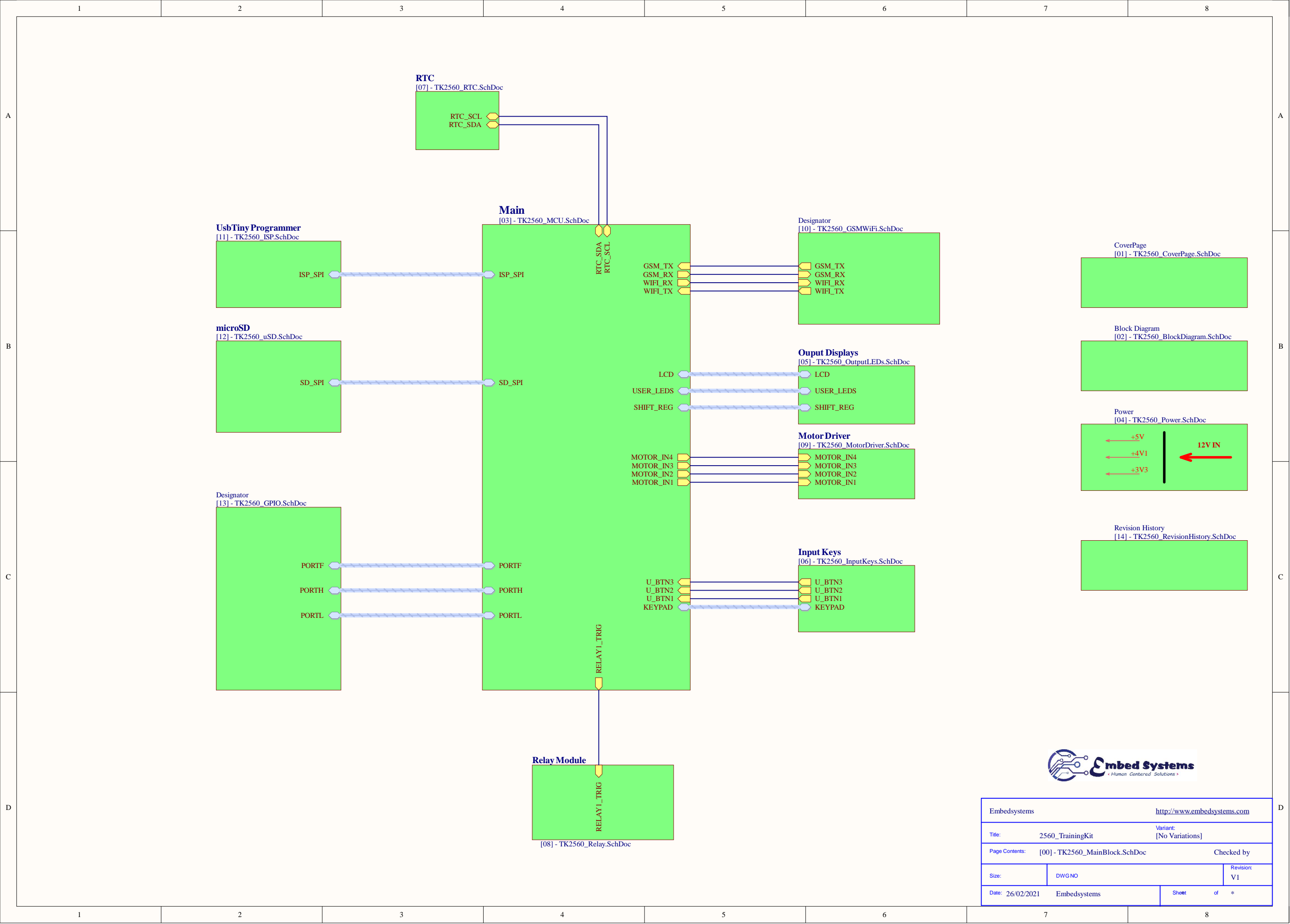


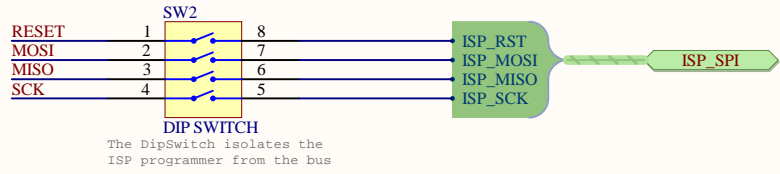
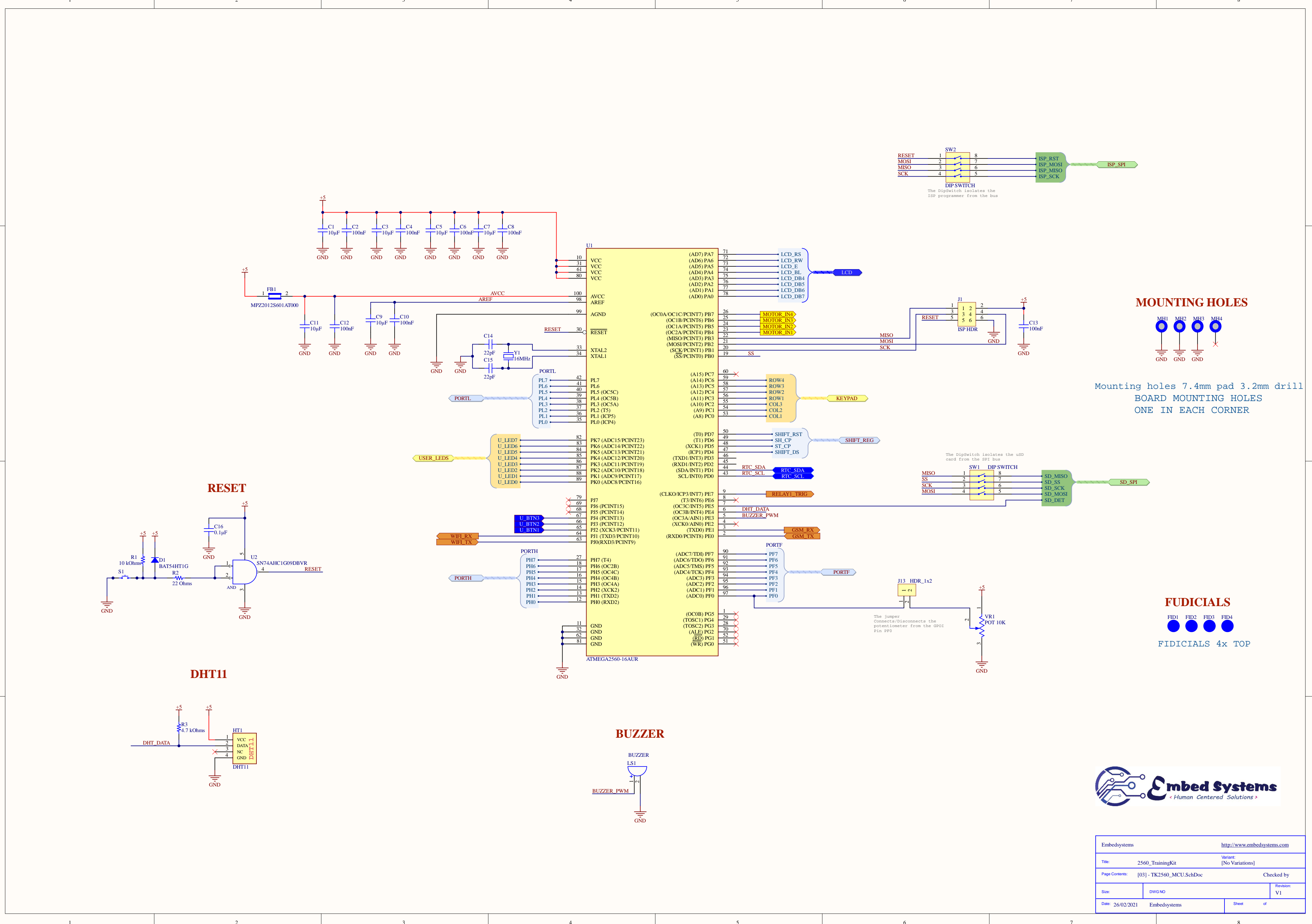
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Page Contents:	[02] - TK2560_BlockDiagram.SchDoc		Checked by
Size:	DWG NO		Revision: V1
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REVISION HISTORY

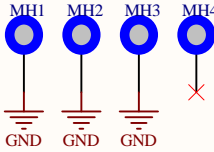


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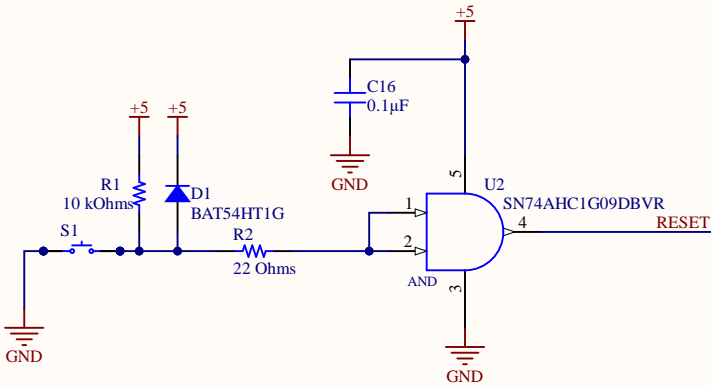


MOUNTING HOLES

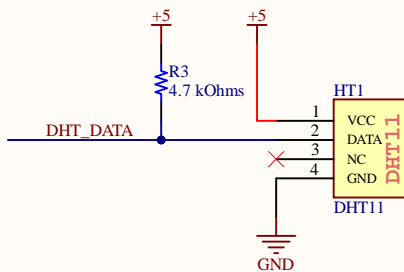


Mounting holes 7.4mm pad 3.2mm drill
BOARD MOUNTING HOLES
ONE IN EACH CORNER

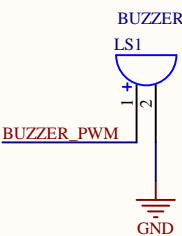
RESET



DHT11



BUZZER

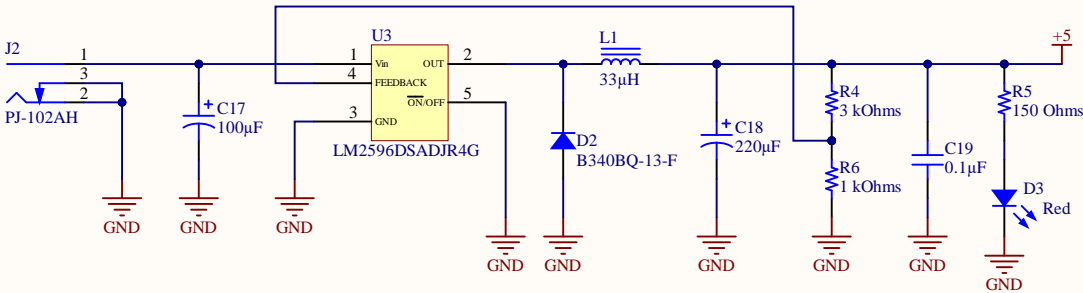


FUDICIALS

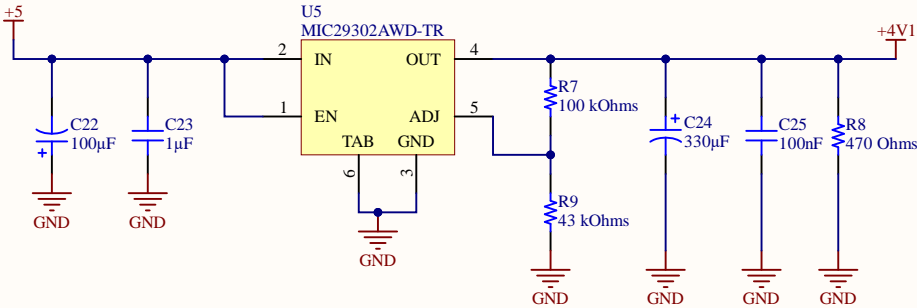
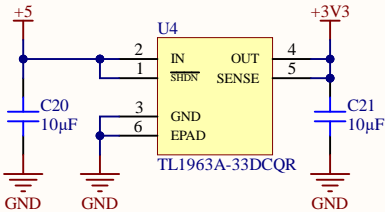


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POWER SUPPLY

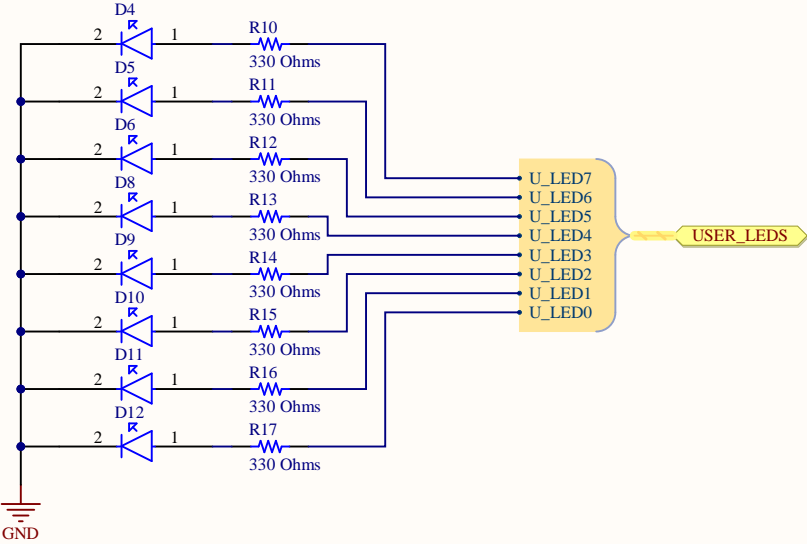


3V3 LDO

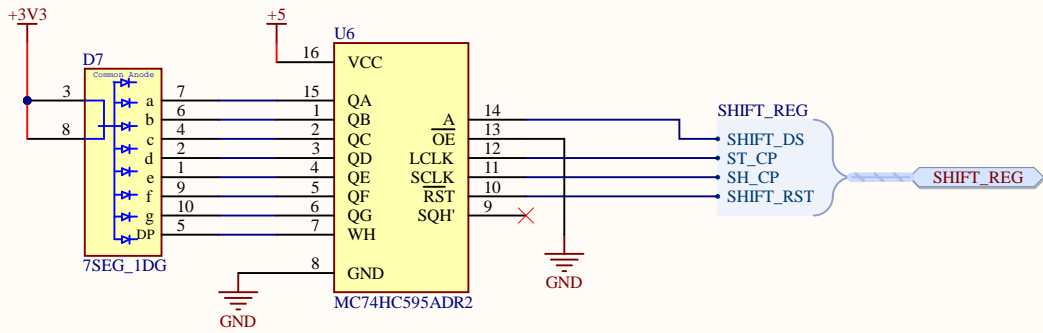


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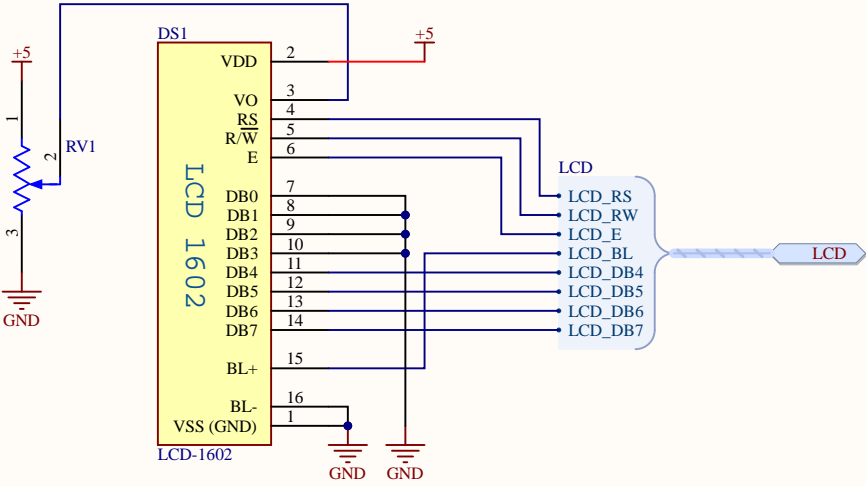
USER LEDS



SEVEN SEGMENT

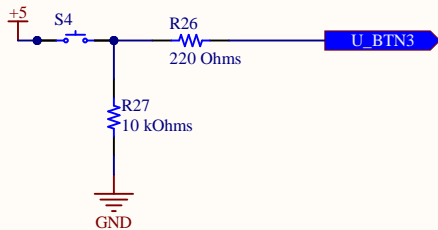
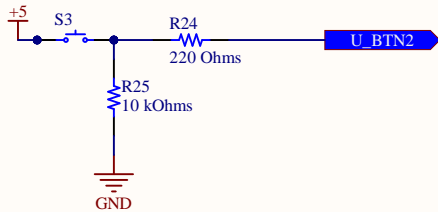
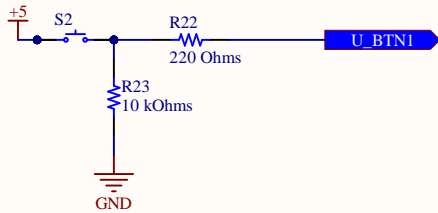


LCD



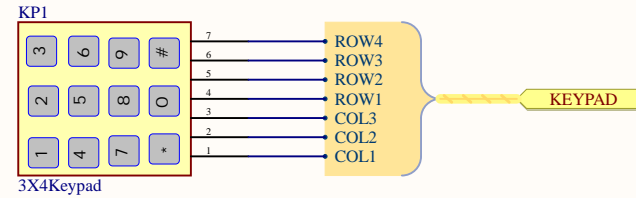
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Page Contents:		[05] - TK2560_OutputLEds.SchDoc	
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USER BUTTONS



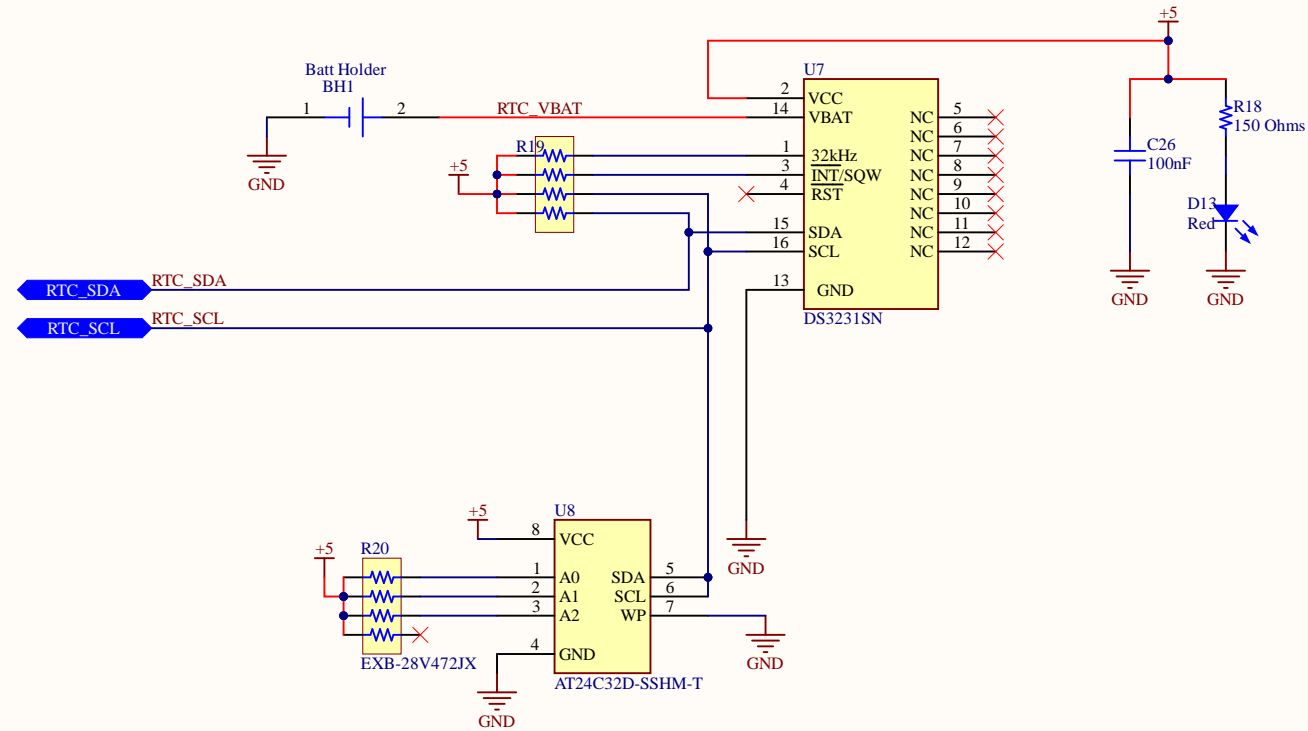
DESIGN NOTE:
Button debouncing will be
done in software

KEYPAD



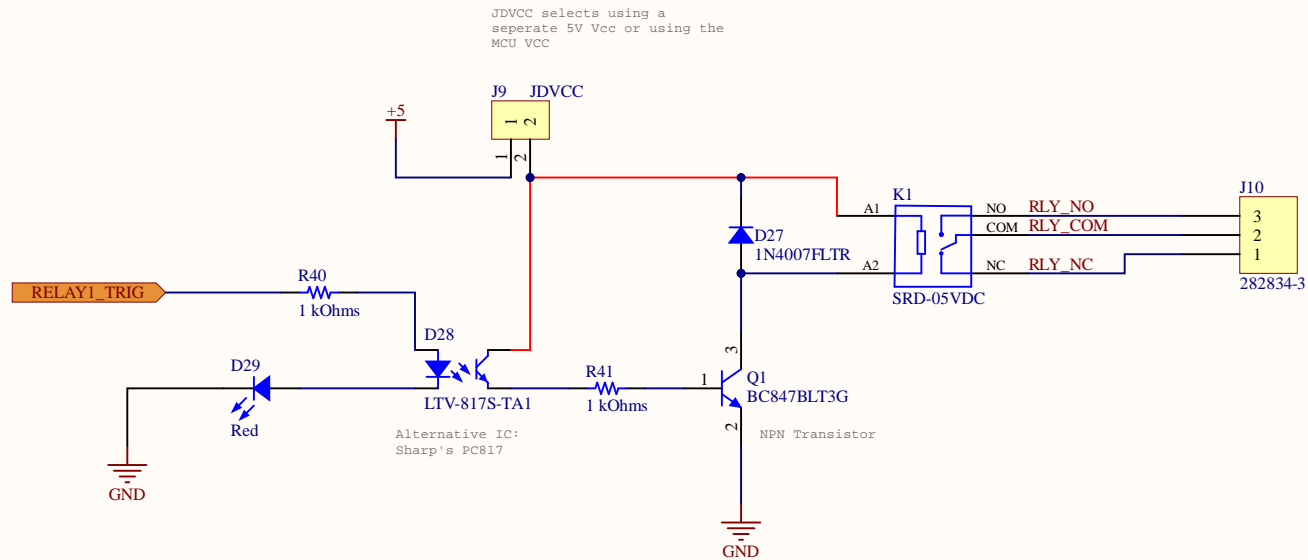
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RTC



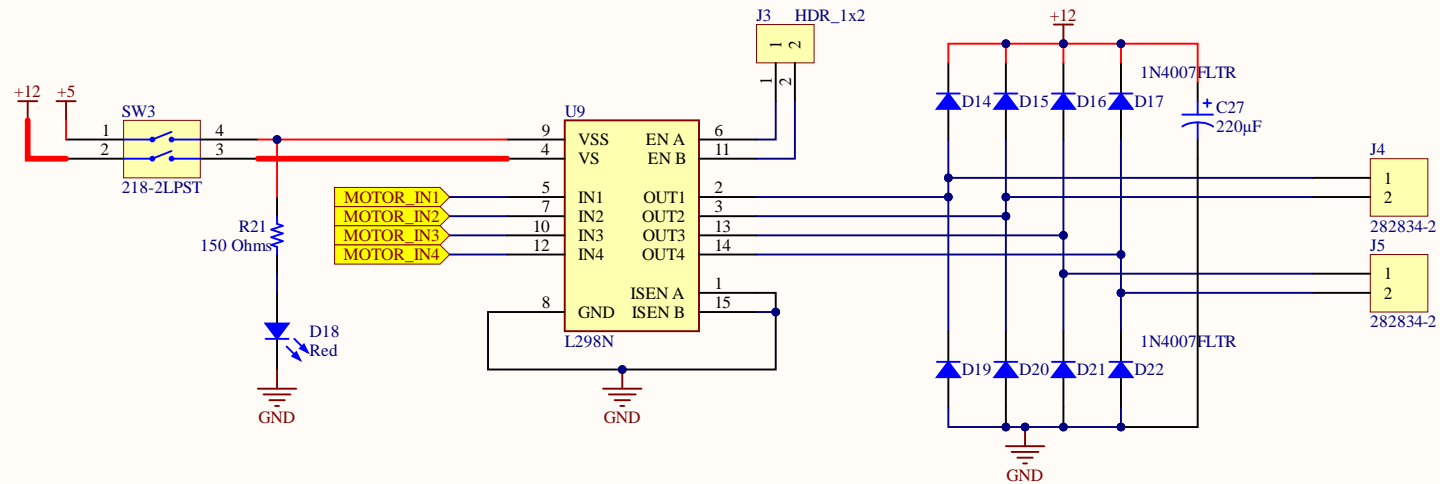
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RELAY



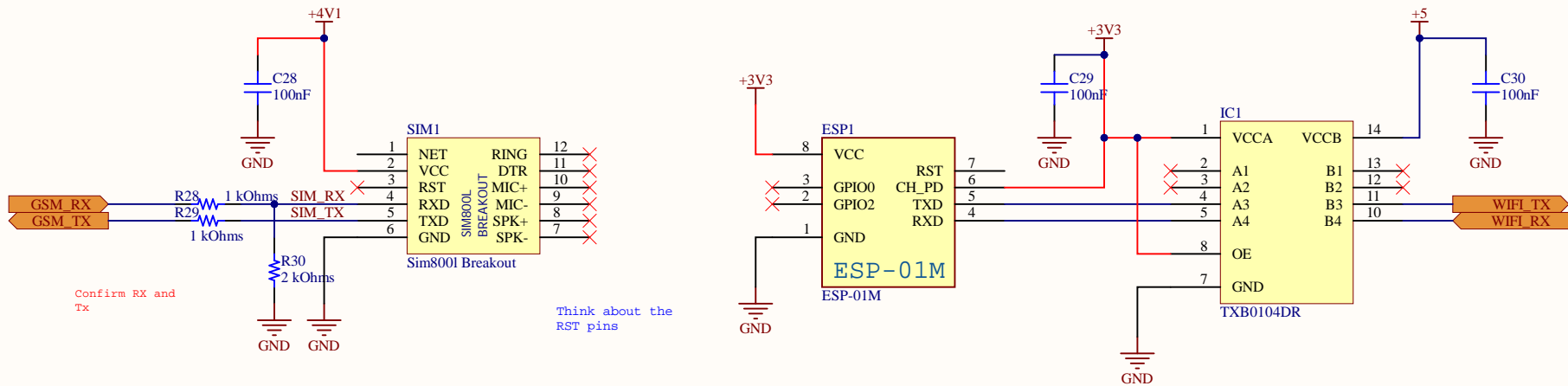
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MOTOR DRIVER



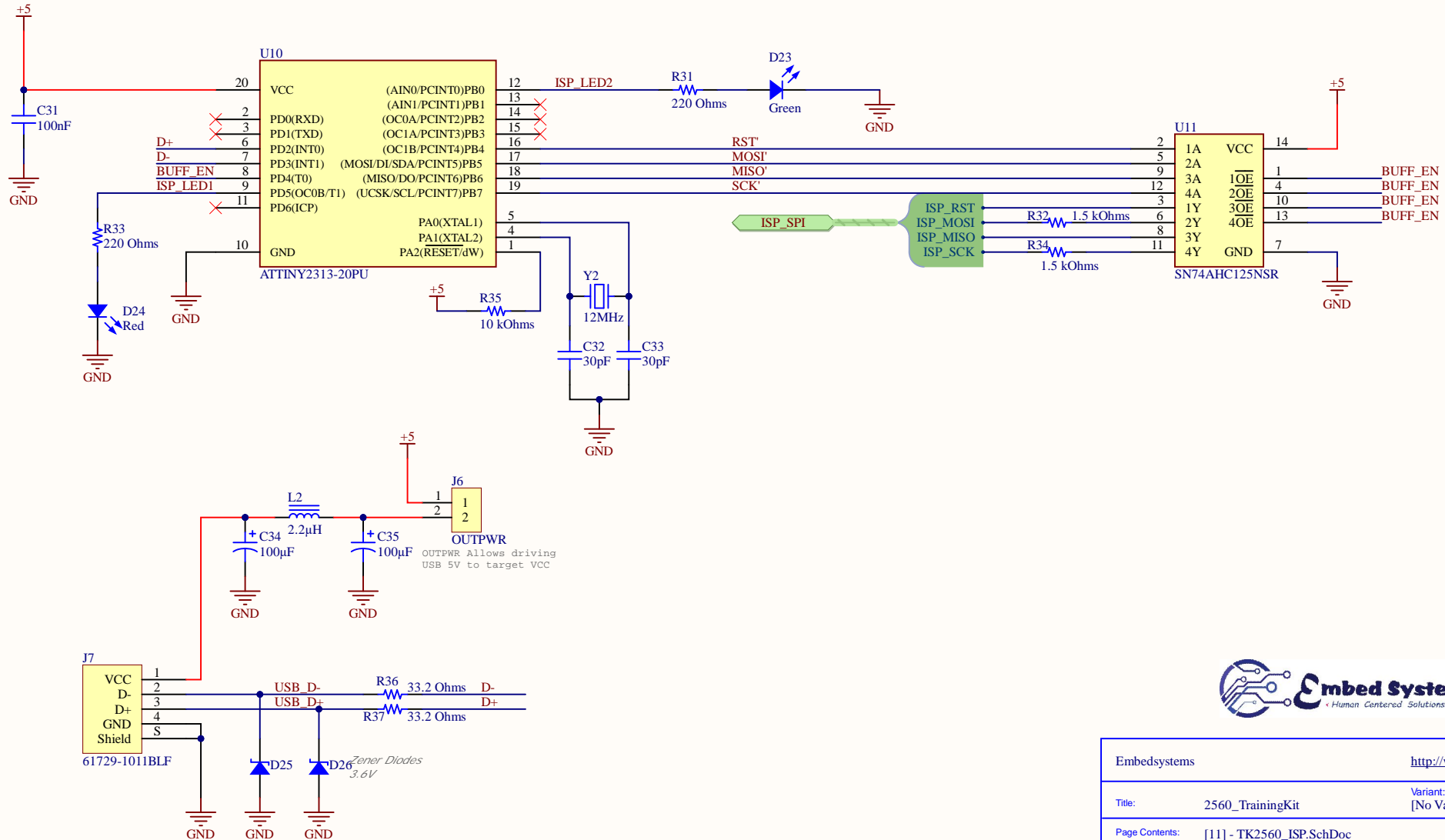
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GSM - WiFi



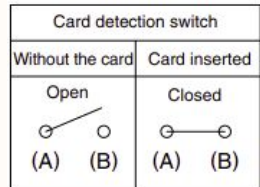
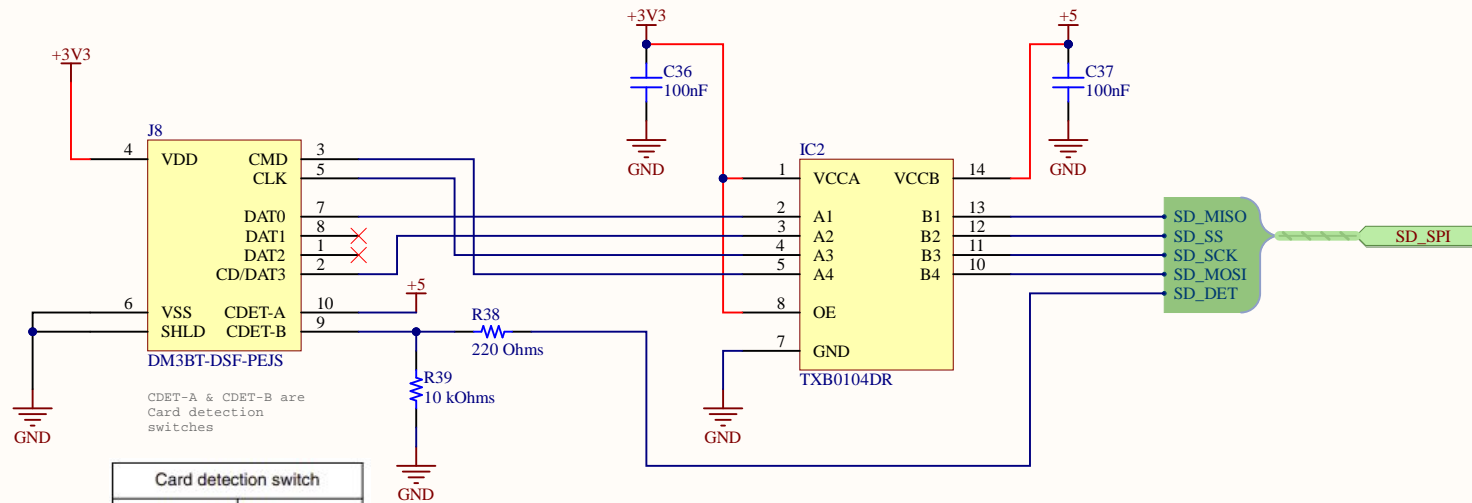
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USBTiny ISP



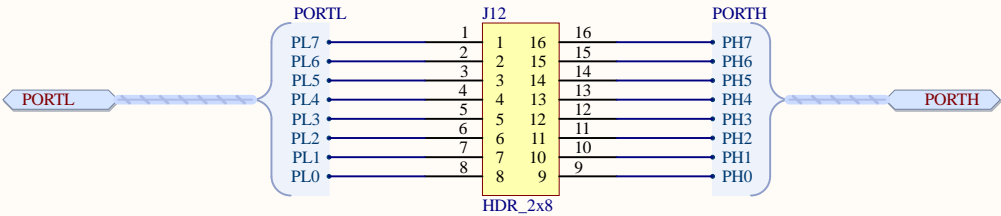
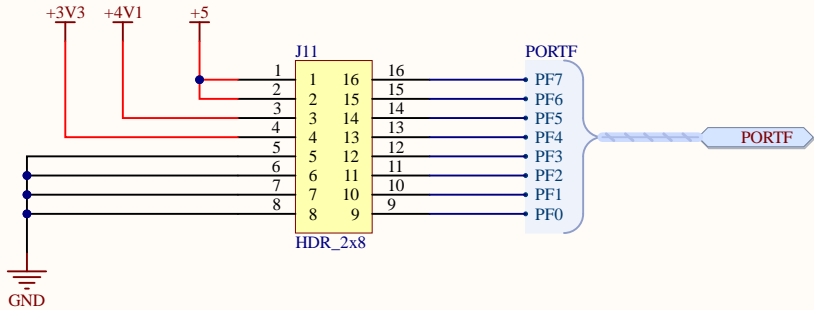
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uSD CARD



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GPIO HEADER



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