

RELEASED 30-SEP-2025

Page	Index
1	COVER PAGE
2	BLOCK DIAGRAM
3	COMPONENT BLOCKS 1
4	COMPONENT BLOCKS 2
5	MCU

DESIGN CONSIDERATIONS:

DESIGN NOTE:

Example text for informational

DESIGN NOTE:

Example text for debug notes.

LAYOUT NOTE:

Example text for critical  
layout guidelines.


DESIGN NOTE:

Example text for cautionary  
design notes.

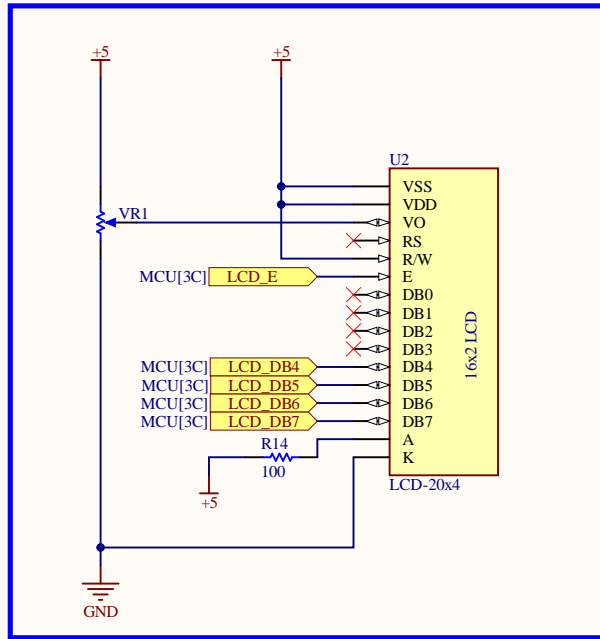
DESIGN NOTE:

Example text for critical  
design notes.

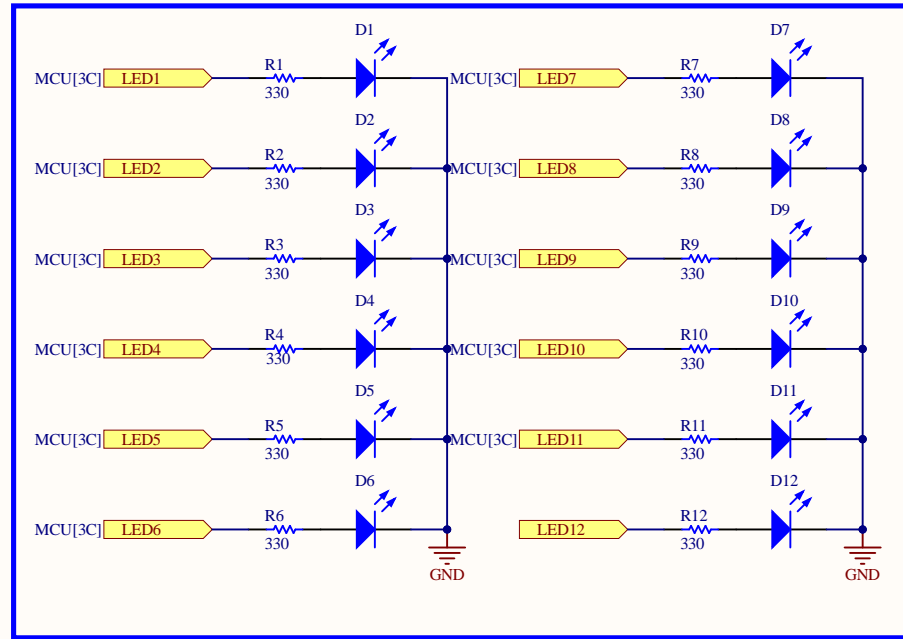
Project:				TKHTN.PrjPcb	
Page Contents:				Coverpage.SchDoc	
Revision: v1		Design: Group 2		Date:10/15/2025	
Size: A4	Document Number: 1		Sheet 1 of 4		



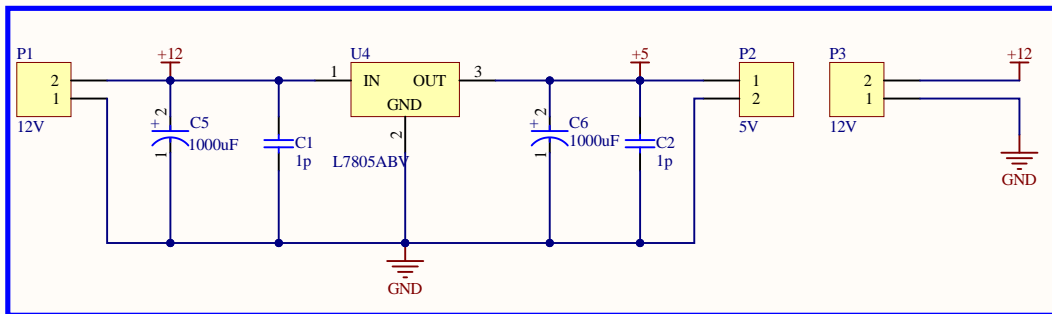
## LCD



## LED INDICATION



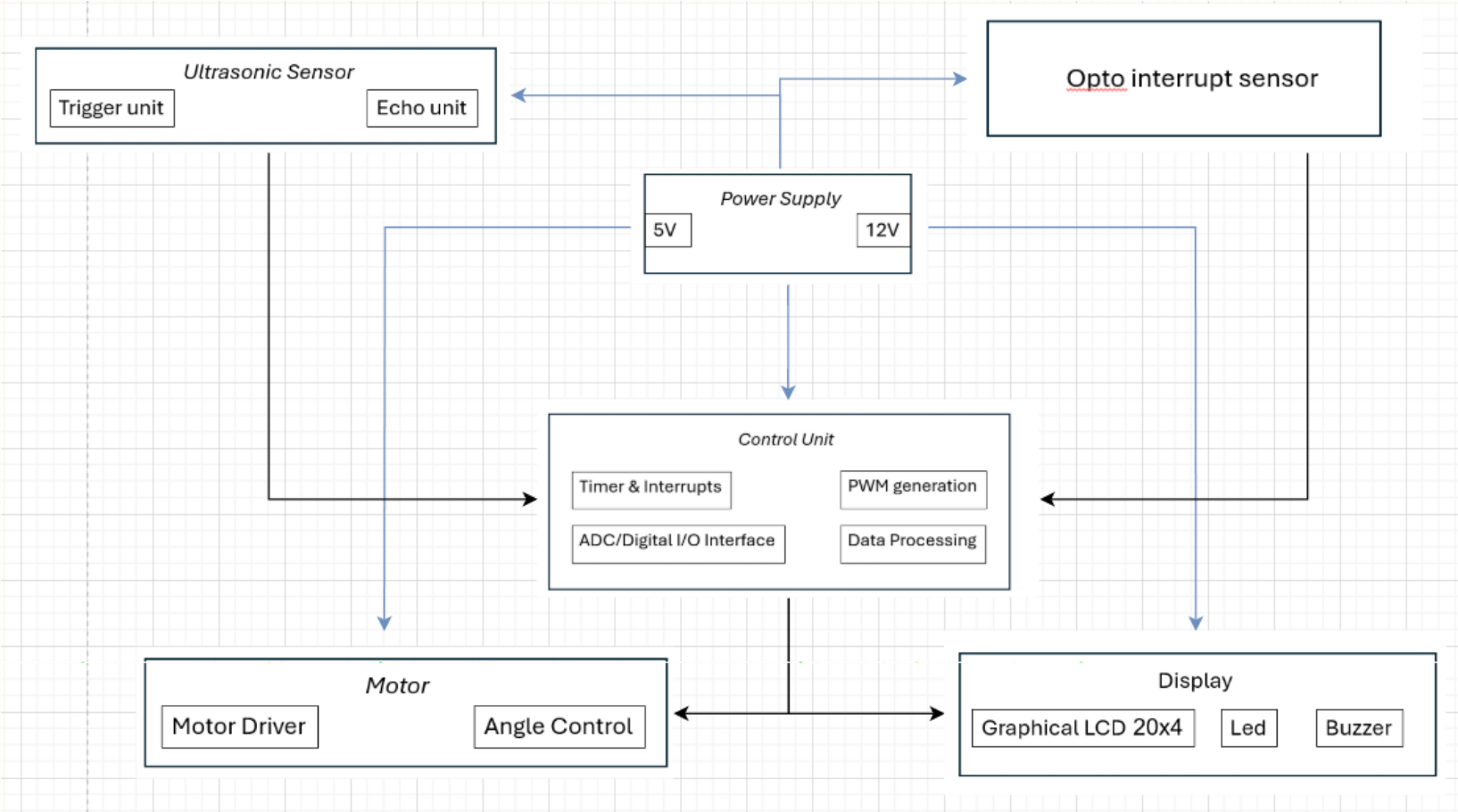
## VOLTAGE SOURCE




Project: <i>TKHTN.PrjPcb</i>		
Page Contents: <i>COMPONENT BLOCKS 1.SchDoc</i>		
Revision: v1	Design: <i>Group 2</i>	Date: 10/15/2025
Size: <i>A4</i>	Document Number: <i>2</i>	Sheet <i>2</i> of <i>4</i>

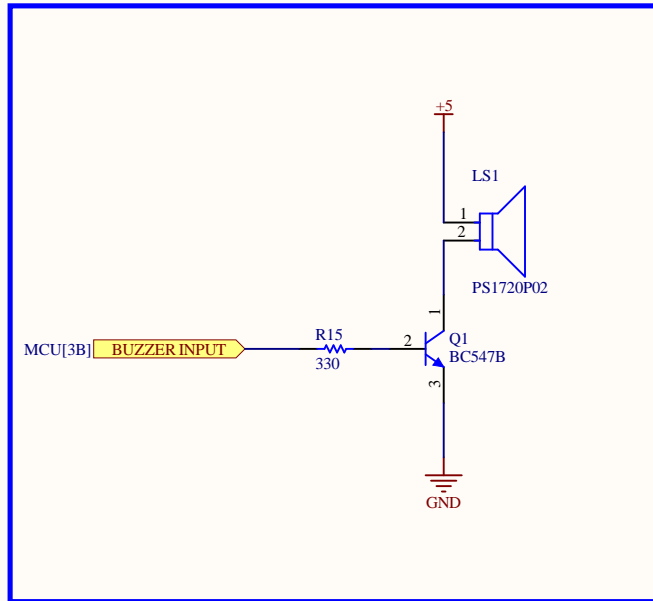


BLOCK DIAGRAM

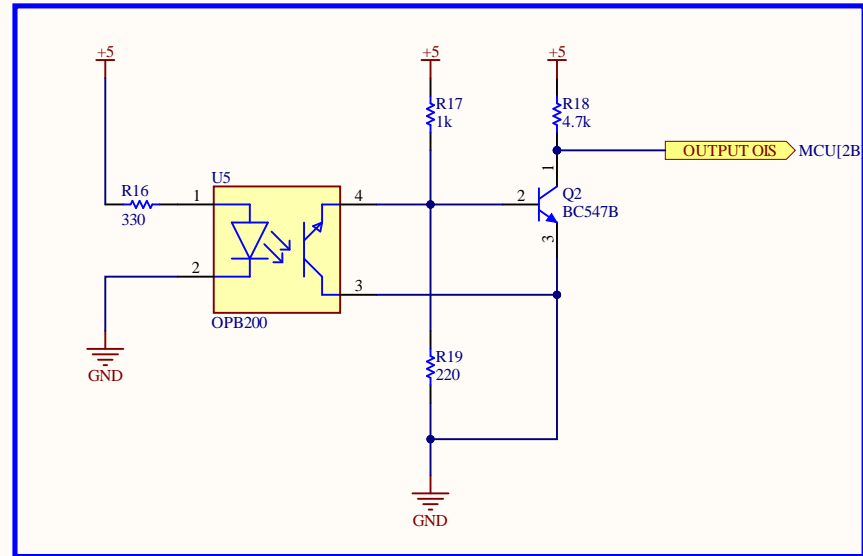


Project: <i>TKHTN.PrjPcb</i>			
Page Contents: <i>BLOCK DIAGRAM.SchDoc</i>			
Revision: v1	Design: Group 2	Date:10/15/2025	
Size: A4	Document Number: 2	Sheet 2 of 5	

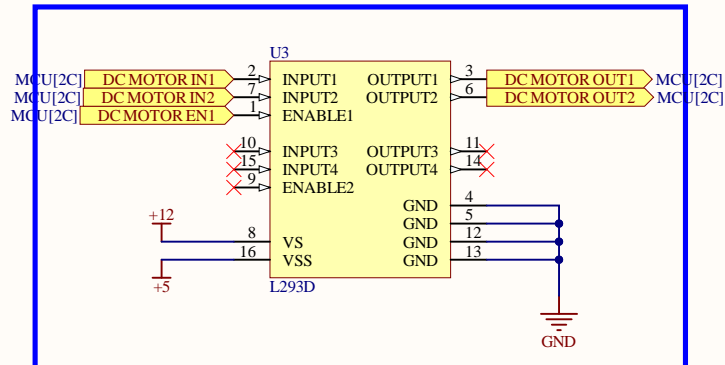
## BUZZER



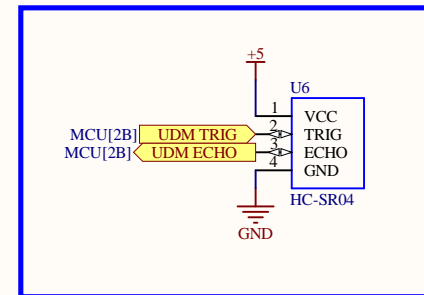
## OPTO INTERRUPT SENSOR



## DC MOTOR DRIVER

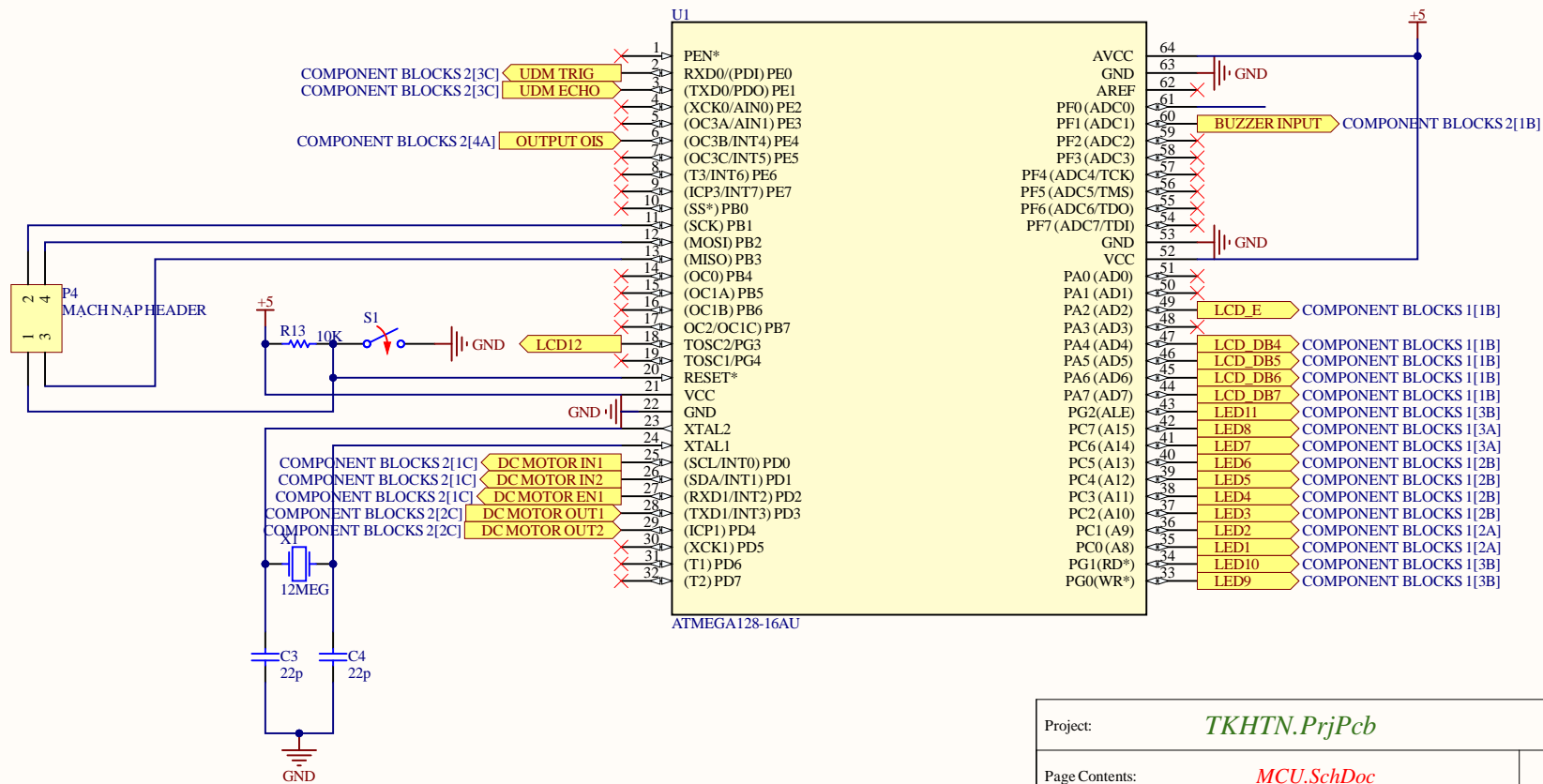


## UDM SENSOR



Project: <i>TKHTN.PrjPcb</i>	
Page Contents: <i>COMPONENT BLOCKS 2.SchDoc</i>	
Revision: v1	Design: Group 2
Date: 10/15/2025	
Size: A4	Document Number: 3
Sheet 3 of 4	





Project:		TKHTN.PrjPcb	
Page Contents:		MCU.SchDoc	
Revision: v1	Design: Group 2	Date:10/15/2025	
Size: A4	Document Number: 4	Sheet 4 of 4	



# Board Stack Report